
ATMOTERM Opole

EK100W

ZAKŁAD OCHRONY ŚRODOWISKA NOWA ZIEMIA

ANALIZA STĘŻEŃ UŚREDNIONYCH DLA ROKU
Komplet wyników obliczeń

Obiekt: MD BUDINVEST SP. Z O.O.

Identyfikator obiektu: MDBU

Zbiór wyników: R01MDBU.DBF

* - przekroczenie

Punkty spoza terenu: MDBUD.TER

Współrzędne		Stężenie średnioroczne [µg/m3]
X[m]	Y[m]	

Współczynnik szorstkości z0 = 0,42500

pył zaw. PM2,5(pył) CAS	Da-R=	5,6000	Obszar zwykły
-172,0	-113,0	0,00109	
-163,0	-113,0	0,00116	
-154,0	-113,0	0,00126	
-145,0	-113,0	0,00137	
-136,0	-113,0	0,00149	
-127,0	-113,0	0,00162	
-118,0	-113,0	0,00175	
-109,0	-113,0	0,00189	
-100,0	-113,0	0,00204	
-91,0	-113,0	0,00217	
-82,0	-113,0	0,00228	
-73,0	-113,0	0,00236	
-64,0	-113,0	0,00239	
-55,0	-113,0	0,00243	
-46,0	-113,0	0,00238	
-37,0	-113,0	0,00230	
-28,0	-113,0	0,00221	
-19,0	-113,0	0,00211	
-10,0	-113,0	0,00202	
-1,0	-113,0	0,00193	
8,0	-113,0	0,00187	
17,0	-113,0	0,00176	
26,0	-113,0	0,00165	
35,0	-113,0	0,00153	
44,0	-113,0	0,00142	
53,0	-113,0	0,00134	
62,0	-113,0	0,00125	
71,0	-113,0	0,00118	
80,0	-113,0	0,00110	
89,0	-113,0	0,00104	
98,0	-113,0	0,00097	
107,0	-113,0	0,00091	
116,0	-113,0	0,00086	
125,0	-113,0	0,00080	
134,0	-113,0	0,00075	
143,0	-113,0	0,00071	
152,0	-113,0	0,00067	
-172,0	-104,0	0,00111	
-163,0	-104,0	0,00118	
-154,0	-104,0	0,00129	
-145,0	-104,0	0,00141	
-136,0	-104,0	0,00154	
-127,0	-104,0	0,00168	

-118,0	-104,0	0,00184
-109,0	-104,0	0,00199
-100,0	-104,0	0,00218
-91,0	-104,0	0,00233
-82,0	-104,0	0,00248
-73,0	-104,0	0,00260
-64,0	-104,0	0,00268
-55,0	-104,0	0,00269
-46,0	-104,0	0,00272
-37,0	-104,0	0,00265
-28,0	-104,0	0,00256
-19,0	-104,0	0,00245
-10,0	-104,0	0,00228
-1,0	-104,0	0,00218
8,0	-104,0	0,00207
17,0	-104,0	0,00194
26,0	-104,0	0,00181
35,0	-104,0	0,00168
44,0	-104,0	0,00158
53,0	-104,0	0,00146
62,0	-104,0	0,00136
71,0	-104,0	0,00128
80,0	-104,0	0,00119
89,0	-104,0	0,00112
98,0	-104,0	0,00104
107,0	-104,0	0,00098
116,0	-104,0	0,00091
125,0	-104,0	0,00085
134,0	-104,0	0,00080
143,0	-104,0	0,00075
152,0	-104,0	0,00070
-172,0	-95,0	0,00113
-163,0	-95,0	0,00120
-154,0	-95,0	0,00132
-145,0	-95,0	0,00145
-136,0	-95,0	0,00159
-127,0	-95,0	0,00175
-118,0	-95,0	0,00192
-109,0	-95,0	0,00209
-100,0	-95,0	0,00232
-91,0	-95,0	0,00251
-82,0	-95,0	0,00271
-73,0	-95,0	0,00287
-64,0	-95,0	0,00300
-55,0	-95,0	0,00306
-46,0	-95,0	0,00305
-37,0	-95,0	0,00299
-28,0	-95,0	0,00290
-19,0	-95,0	0,00278
-10,0	-95,0	0,00260
-1,0	-95,0	0,00248
8,0	-95,0	0,00235
17,0	-95,0	0,00220
26,0	-95,0	0,00204
35,0	-95,0	0,00189
44,0	-95,0	0,00174
53,0	-95,0	0,00161
62,0	-95,0	0,00149
71,0	-95,0	0,00139
80,0	-95,0	0,00129
89,0	-95,0	0,00120
98,0	-95,0	0,00112
107,0	-95,0	0,00104
116,0	-95,0	0,00097
125,0	-95,0	0,00090

134,0	-95,0	0,00084
143,0	-95,0	0,00079
152,0	-95,0	0,00074
-172,0	-86,0	0,00112
-163,0	-86,0	0,00123
-154,0	-86,0	0,00135
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-127,0	-86,0	0,00181
-118,0	-86,0	0,00200
-109,0	-86,0	0,00220
-100,0	-86,0	0,00247
-91,0	-86,0	0,00269
-82,0	-86,0	0,00295
-73,0	-86,0	0,00316
-64,0	-86,0	0,00336
-55,0	-86,0	0,00348
-46,0	-86,0	0,00352
-37,0	-86,0	0,00349
-28,0	-86,0	0,00331
-19,0	-86,0	0,00320
-10,0	-86,0	0,00306
-1,0	-86,0	0,00286
8,0	-86,0	0,00270
17,0	-86,0	0,00247
26,0	-86,0	0,00228
35,0	-86,0	0,00210
44,0	-86,0	0,00194
53,0	-86,0	0,00178
62,0	-86,0	0,00165
71,0	-86,0	0,00153
80,0	-86,0	0,00141
89,0	-86,0	0,00130
98,0	-86,0	0,00120
107,0	-86,0	0,00111
116,0	-86,0	0,00103
125,0	-86,0	0,00096
134,0	-86,0	0,00089
143,0	-86,0	0,00083
152,0	-86,0	0,00078
-172,0	-77,0	0,00115
-163,0	-77,0	0,00126
-154,0	-77,0	0,00138
-145,0	-77,0	0,00152
-136,0	-77,0	0,00169
-127,0	-77,0	0,00187
-118,0	-77,0	0,00208
-109,0	-77,0	0,00231
-100,0	-77,0	0,00256
-91,0	-77,0	0,00289
-82,0	-77,0	0,00317
-73,0	-77,0	0,00348
-64,0	-77,0	0,00376
-55,0	-77,0	0,00396
-46,0	-77,0	0,00408
-37,0	-77,0	0,00400
-28,0	-77,0	0,00394
-19,0	-77,0	0,00371
-10,0	-77,0	0,00357
-1,0	-77,0	0,00332
8,0	-77,0	0,00307
17,0	-77,0	0,00285
26,0	-77,0	0,00258
35,0	-77,0	0,00237
44,0	-77,0	0,00217

53,0	-77,0	0,00199
62,0	-77,0	0,00183
71,0	-77,0	0,00167
80,0	-77,0	0,00154
89,0	-77,0	0,00141
98,0	-77,0	0,00129
107,0	-77,0	0,00119
116,0	-77,0	0,00110
125,0	-77,0	0,00102
134,0	-77,0	0,00095
143,0	-77,0	0,00088
152,0	-77,0	0,00082
-172,0	-68,0	0,00117
-163,0	-68,0	0,00128
-154,0	-68,0	0,00141
-145,0	-68,0	0,00153
-136,0	-68,0	0,00169
-127,0	-68,0	0,00189
-118,0	-68,0	0,00211
-109,0	-68,0	0,00242
-100,0	-68,0	0,00270
-91,0	-68,0	0,00302
-82,0	-68,0	0,00343
-73,0	-68,0	0,00383
-64,0	-68,0	0,00421
-55,0	-68,0	0,00452
-46,0	-68,0	0,00474
-37,0	-68,0	0,00475
-28,0	-68,0	0,00460
-19,0	-68,0	0,00449
-10,0	-68,0	0,00421
-1,0	-68,0	0,00392
8,0	-68,0	0,00361
17,0	-68,0	0,00327
26,0	-68,0	0,00295
35,0	-68,0	0,00269
44,0	-68,0	0,00245
53,0	-68,0	0,00223
62,0	-68,0	0,00203
71,0	-68,0	0,00184
80,0	-68,0	0,00168
89,0	-68,0	0,00153
98,0	-68,0	0,00140
107,0	-68,0	0,00128
116,0	-68,0	0,00117
125,0	-68,0	0,00108
134,0	-68,0	0,00100
143,0	-68,0	0,00093
152,0	-68,0	0,00087
-172,0	-59,0	0,00119
-163,0	-59,0	0,00131
-154,0	-59,0	0,00141
-145,0	-59,0	0,00157
-136,0	-59,0	0,00175
-127,0	-59,0	0,00195
-118,0	-59,0	0,00219
-109,0	-59,0	0,00246
-100,0	-59,0	0,00278
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-82,0	-59,0	0,00363
-73,0	-59,0	0,00415
-64,0	-59,0	0,00467
-55,0	-59,0	0,00517
-46,0	-59,0	0,00553
-37,0	-59,0	0,00567

-28,0	-59,0	0,00559
-19,0	-59,0	0,00536
-10,0	-59,0	0,00506
-1,0	-59,0	0,00461
8,0	-59,0	0,00423
17,0	-59,0	0,00381
26,0	-59,0	0,00342
35,0	-59,0	0,00310
44,0	-59,0	0,00278
53,0	-59,0	0,00250
62,0	-59,0	0,00225
71,0	-59,0	0,00203
80,0	-59,0	0,00183
89,0	-59,0	0,00166
98,0	-59,0	0,00151
107,0	-59,0	0,00138
116,0	-59,0	0,00126
125,0	-59,0	0,00116
134,0	-59,0	0,00107
143,0	-59,0	0,00099
152,0	-59,0	0,00092
-172,0	-50,0	0,00120
-163,0	-50,0	0,00130
-154,0	-50,0	0,00144
-145,0	-50,0	0,00161
-136,0	-50,0	0,00176
-127,0	-50,0	0,00197
-118,0	-50,0	0,00222
-109,0	-50,0	0,00251
-100,0	-50,0	0,00293
-91,0	-50,0	0,00334
-82,0	-50,0	0,00391
-73,0	-50,0	0,00455
-64,0	-50,0	0,00522
-55,0	-50,0	0,00590
-46,0	-50,0	0,00649
-37,0	-50,0	0,00683
-28,0	-50,0	0,00688
-19,0	-50,0	0,00653
-10,0	-50,0	0,00620
-1,0	-50,0	0,00564
8,0	-50,0	0,00514
17,0	-50,0	0,00453
26,0	-50,0	0,00403
35,0	-50,0	0,00358
44,0	-50,0	0,00319
53,0	-50,0	0,00283
62,0	-50,0	0,00252
71,0	-50,0	0,00225
80,0	-50,0	0,00201
89,0	-50,0	0,00181
98,0	-50,0	0,00163
107,0	-50,0	0,00148
116,0	-50,0	0,00135
125,0	-50,0	0,00124
134,0	-50,0	0,00115
143,0	-50,0	0,00106
152,0	-50,0	0,00098
-172,0	-41,0	0,00119
-163,0	-41,0	0,00132
-154,0	-41,0	0,00144
-145,0	-41,0	0,00161
-136,0	-41,0	0,00180
-127,0	-41,0	0,00203
-118,0	-41,0	0,00230

-109,0	-41,0	0,00263
-100,0	-41,0	0,00301
-91,0	-41,0	0,00346
-82,0	-41,0	0,00410
-73,0	-41,0	0,00487
-64,0	-41,0	0,00573
-55,0	-41,0	0,00667
-46,0	-41,0	0,00764
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-28,0	-41,0	0,00860
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-10,0	-41,0	0,00779
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8,0	-41,0	0,00629
17,0	-41,0	0,00549
26,0	-41,0	0,00477
35,0	-41,0	0,00418
44,0	-41,0	0,00367
53,0	-41,0	0,00321
62,0	-41,0	0,00282
71,0	-41,0	0,00249
80,0	-41,0	0,00221
89,0	-41,0	0,00198
98,0	-41,0	0,00178
107,0	-41,0	0,00161
116,0	-41,0	0,00146
125,0	-41,0	0,00134
134,0	-41,0	0,00122
143,0	-41,0	0,00113
152,0	-41,0	0,00105
-172,0	-32,0	0,00120
-163,0	-32,0	0,00131
-154,0	-32,0	0,00146
-145,0	-32,0	0,00161
-136,0	-32,0	0,00181
-127,0	-32,0	0,00205
-118,0	-32,0	0,00233
-109,0	-32,0	0,00267
-100,0	-32,0	0,00308
-91,0	-32,0	0,00358
-82,0	-32,0	0,00429
-73,0	-32,0	0,00505
-64,0	-32,0	0,00610
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-46,0	-32,0	0,00895
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-28,0	-32,0	0,01109
-19,0	-32,0	0,01090
-10,0	-32,0	0,01009
-1,0	-32,0	0,00899
8,0	-32,0	0,00778
17,0	-32,0	0,00672
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35,0	-32,0	0,00495
44,0	-32,0	0,00424
53,0	-32,0	0,00366
62,0	-32,0	0,00317
71,0	-32,0	0,00277
80,0	-32,0	0,00245
89,0	-32,0	0,00217
98,0	-32,0	0,00194
107,0	-32,0	0,00175
116,0	-32,0	0,00159
125,0	-32,0	0,00143
134,0	-32,0	0,00131

143,0	-32,0	0,00119
152,0	-32,0	0,00111
-172,0	-23,0	0,00119
-163,0	-23,0	0,00132
-154,0	-23,0	0,00145
-145,0	-23,0	0,00163
-136,0	-23,0	0,00180
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-100,0	-23,0	0,00314
-91,0	-23,0	0,00369
-82,0	-23,0	0,00437
-73,0	-23,0	0,00534
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8,0	-23,0	0,01014
17,0	-23,0	0,00846
26,0	-23,0	0,00706
35,0	-23,0	0,00589
44,0	-23,0	0,00494
53,0	-23,0	0,00418
62,0	-23,0	0,00358
71,0	-23,0	0,00311
80,0	-23,0	0,00271
89,0	-23,0	0,00239
98,0	-23,0	0,00212
107,0	-23,0	0,00191
116,0	-23,0	0,00169
125,0	-23,0	0,00154
134,0	-23,0	0,00142
143,0	-23,0	0,00128
152,0	-23,0	0,00117
-172,0	-14,0	0,00119
-163,0	-14,0	0,00130
-154,0	-14,0	0,00146
-145,0	-14,0	0,00161
-136,0	-14,0	0,00180
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-91,0	-14,0	0,00370
-82,0	-14,0	0,00443
-73,0	-14,0	0,00549
-64,0	-14,0	0,00691
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8,0	-14,0	0,01341
17,0	-14,0	0,01086
26,0	-14,0	0,00873
35,0	-14,0	0,00707
44,0	-14,0	0,00578
53,0	-14,0	0,00480

62,0	-14,0	0,00407
71,0	-14,0	0,00347
80,0	-14,0	0,00299
89,0	-14,0	0,00262
98,0	-14,0	0,00231
107,0	-14,0	0,00207
116,0	-14,0	0,00183
125,0	-14,0	0,00166
134,0	-14,0	0,00149
143,0	-14,0	0,00137
152,0	-14,0	0,00125
-172,0	-5,0	0,00118
-163,0	-5,0	0,00131
-154,0	-5,0	0,00144
-145,0	-5,0	0,00160
-136,0	-5,0	0,00181
-127,0	-5,0	0,00204
-118,0	-5,0	0,00231
-109,0	-5,0	0,00268
-100,0	-5,0	0,00316
-91,0	-5,0	0,00369
-82,0	-5,0	0,00446
-73,0	-5,0	0,00558
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26,0	-5,0	0,01092
35,0	-5,0	0,00856
44,0	-5,0	0,00683
53,0	-5,0	0,00560
62,0	-5,0	0,00462
71,0	-5,0	0,00389
80,0	-5,0	0,00333
89,0	-5,0	0,00290
98,0	-5,0	0,00250
107,0	-5,0	0,00223
116,0	-5,0	0,00196
125,0	-5,0	0,00177
134,0	-5,0	0,00159
143,0	-5,0	0,00143
152,0	-5,0	0,00132
-172,0	4,0	0,00118
-163,0	4,0	0,00130
-154,0	4,0	0,00143
-145,0	4,0	0,00160
-136,0	4,0	0,00180
-127,0	4,0	0,00203
-118,0	4,0	0,00231
-109,0	4,0	0,00269
-100,0	4,0	0,00312
-91,0	4,0	0,00369
-82,0	4,0	0,00447
-73,0	4,0	0,00553
-64,0	4,0	0,00702
-55,0	4,0	0,00917
-46,0	4,0	0,01261
-37,0	4,0	0,01837
-28,0	4,0	0,02843
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26,0	4,0	0,01372
35,0	4,0	0,01044
44,0	4,0	0,00803
53,0	4,0	0,00646
62,0	4,0	0,00527
71,0	4,0	0,00432
80,0	4,0	0,00367
89,0	4,0	0,00311
98,0	4,0	0,00272
107,0	4,0	0,00237
116,0	4,0	0,00208
125,0	4,0	0,00187
134,0	4,0	0,00167
143,0	4,0	0,00150
152,0	4,0	0,00136
-172,0	13,0	0,00118
-163,0	13,0	0,00130
-154,0	13,0	0,00144
-145,0	13,0	0,00161
-136,0	13,0	0,00180
-127,0	13,0	0,00204
-118,0	13,0	0,00232
-109,0	13,0	0,00268
-100,0	13,0	0,00313
-91,0	13,0	0,00371
-82,0	13,0	0,00449
-73,0	13,0	0,00553
-64,0	13,0	0,00704
-55,0	13,0	0,00921
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-37,0	13,0	0,01842
-28,0	13,0	0,02815
35,0	13,0	0,01239
44,0	13,0	0,00932
53,0	13,0	0,00728
62,0	13,0	0,00577
71,0	13,0	0,00470
80,0	13,0	0,00396
89,0	13,0	0,00334
98,0	13,0	0,00287
107,0	13,0	0,00249
116,0	13,0	0,00218
125,0	13,0	0,00193
134,0	13,0	0,00175
143,0	13,0	0,00157
152,0	13,0	0,00142
-172,0	22,0	0,00119
-163,0	22,0	0,00131
-154,0	22,0	0,00145
-145,0	22,0	0,00162
-136,0	22,0	0,00182
-127,0	22,0	0,00206
-118,0	22,0	0,00238
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-82,0	22,0	0,00460
-73,0	22,0	0,00569
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-55,0	22,0	0,00952
-46,0	22,0	0,01326
-37,0	22,0	0,01914
44,0	22,0	0,01044
53,0	22,0	0,00795
62,0	22,0	0,00626

71,0	22,0	0,00507
80,0	22,0	0,00420
89,0	22,0	0,00354
98,0	22,0	0,00303
107,0	22,0	0,00258
116,0	22,0	0,00226
125,0	22,0	0,00200
134,0	22,0	0,00178
143,0	22,0	0,00160
152,0	22,0	0,00144
-172,0	31,0	0,00122
-163,0	31,0	0,00135
-154,0	31,0	0,00149
-145,0	31,0	0,00166
-136,0	31,0	0,00186
-127,0	31,0	0,00215
-118,0	31,0	0,00245
-109,0	31,0	0,00282
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53,0	31,0	0,00846
62,0	31,0	0,00654
71,0	31,0	0,00529
80,0	31,0	0,00438
89,0	31,0	0,00363
98,0	31,0	0,00311
107,0	31,0	0,00269
116,0	31,0	0,00236
125,0	31,0	0,00205
134,0	31,0	0,00183
143,0	31,0	0,00164
152,0	31,0	0,00148
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-154,0	40,0	0,00155
-145,0	40,0	0,00172
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-127,0	40,0	0,00223
-118,0	40,0	0,00254
-109,0	40,0	0,00300
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62,0	40,0	0,00678
71,0	40,0	0,00541
80,0	40,0	0,00443
89,0	40,0	0,00374
98,0	40,0	0,00316
107,0	40,0	0,00275
116,0	40,0	0,00241
125,0	40,0	0,00210
134,0	40,0	0,00187
143,0	40,0	0,00168
152,0	40,0	0,00152
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-163,0	49,0	0,00142
-154,0	49,0	0,00162
-145,0	49,0	0,00180

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35,0	49,0	0,03311
44,0	49,0	0,01283
53,0	49,0	0,00882
62,0	49,0	0,00674
71,0	49,0	0,00542
80,0	49,0	0,00447
89,0	49,0	0,00375
98,0	49,0	0,00324
107,0	49,0	0,00278
116,0	49,0	0,00245
125,0	49,0	0,00213
134,0	49,0	0,00191
143,0	49,0	0,00169
152,0	49,0	0,00153
-172,0	58,0	0,00137
-163,0	58,0	0,00150
-154,0	58,0	0,00164
-145,0	58,0	0,00188
-136,0	58,0	0,00209
-127,0	58,0	0,00242
-118,0	58,0	0,00282
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8,0	58,0	0,02593
17,0	58,0	0,02209
26,0	58,0	0,01922
35,0	58,0	0,01557
44,0	58,0	0,01113
53,0	58,0	0,00832
62,0	58,0	0,00652
71,0	58,0	0,00533
80,0	58,0	0,00445
89,0	58,0	0,00376
98,0	58,0	0,00322
107,0	58,0	0,00278
116,0	58,0	0,00246
125,0	58,0	0,00216
134,0	58,0	0,00190
143,0	58,0	0,00172
152,0	58,0	0,00156
-172,0	67,0	0,00139
-163,0	67,0	0,00152
-154,0	67,0	0,00172
-145,0	67,0	0,00190
-136,0	67,0	0,00217
-127,0	67,0	0,00251
-118,0	67,0	0,00291
-109,0	67,0	0,00328
-100,0	67,0	0,00403
-91,0	67,0	0,00481
-82,0	67,0	0,00581
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8,0	67,0	0,01998
17,0	67,0	0,01742
26,0	67,0	0,01485
35,0	67,0	0,01218
44,0	67,0	0,00962
53,0	67,0	0,00767
62,0	67,0	0,00619
71,0	67,0	0,00508
80,0	67,0	0,00430
89,0	67,0	0,00367
98,0	67,0	0,00317
107,0	67,0	0,00276
116,0	67,0	0,00242
125,0	67,0	0,00216
134,0	67,0	0,00192
143,0	67,0	0,00174
152,0	67,0	0,00155
-172,0	76,0	0,00141
-163,0	76,0	0,00159
-154,0	76,0	0,00173
-145,0	76,0	0,00197
-136,0	76,0	0,00225
-127,0	76,0	0,00258
-118,0	76,0	0,00288
-109,0	76,0	0,00350
-100,0	76,0	0,00413
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-82,0	76,0	0,00623
-73,0	76,0	0,00751
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8,0	76,0	0,01571
17,0	76,0	0,01398
26,0	76,0	0,01203
35,0	76,0	0,01015
44,0	76,0	0,00852
53,0	76,0	0,00694
62,0	76,0	0,00575
71,0	76,0	0,00488
80,0	76,0	0,00411
89,0	76,0	0,00355
98,0	76,0	0,00309
107,0	76,0	0,00271
116,0	76,0	0,00239
125,0	76,0	0,00212
134,0	76,0	0,00192
143,0	76,0	0,00172
152,0	76,0	0,00157
-172,0	85,0	0,00147
-163,0	85,0	0,00159
-154,0	85,0	0,00180
-145,0	85,0	0,00204
-136,0	85,0	0,00224
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-118,0	85,0	0,00296
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-10,0	85,0	0,01456
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8,0	85,0	0,01269
17,0	85,0	0,01136
26,0	85,0	0,01004
35,0	85,0	0,00869
44,0	85,0	0,00751
53,0	85,0	0,00630
62,0	85,0	0,00534
71,0	85,0	0,00461
80,0	85,0	0,00392
89,0	85,0	0,00342
98,0	85,0	0,00300
107,0	85,0	0,00264
116,0	85,0	0,00235
125,0	85,0	0,00210
134,0	85,0	0,00188
143,0	85,0	0,00172
152,0	85,0	0,00155
-172,0	94,0	0,00148
-163,0	94,0	0,00166
-154,0	94,0	0,00180
-145,0	94,0	0,00203
-136,0	94,0	0,00231
-127,0	94,0	0,00266
-118,0	94,0	0,00307
-109,0	94,0	0,00358
-100,0	94,0	0,00420
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-82,0	94,0	0,00612
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17,0	94,0	0,00958
26,0	94,0	0,00857
35,0	94,0	0,00756
44,0	94,0	0,00658
53,0	94,0	0,00574
62,0	94,0	0,00496
71,0	94,0	0,00435
80,0	94,0	0,00374
89,0	94,0	0,00329
98,0	94,0	0,00285
107,0	94,0	0,00254
116,0	94,0	0,00226
125,0	94,0	0,00206
134,0	94,0	0,00186
143,0	94,0	0,00168

152,0	94,0	0,00152
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-163,0	103,0	0,00166
-154,0	103,0	0,00186
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-136,0	103,0	0,00230
-127,0	103,0	0,00264
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8,0	103,0	0,00884
17,0	103,0	0,00814
26,0	103,0	0,00735
35,0	103,0	0,00657
44,0	103,0	0,00589
53,0	103,0	0,00524
62,0	103,0	0,00461
71,0	103,0	0,00403
80,0	103,0	0,00358
89,0	103,0	0,00311
98,0	103,0	0,00277
107,0	103,0	0,00247
116,0	103,0	0,00221
125,0	103,0	0,00199
134,0	103,0	0,00180
143,0	103,0	0,00163
152,0	103,0	0,00151
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-154,0	112,0	0,00187
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-109,0	112,0	0,00374
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8,0	112,0	0,00747
17,0	112,0	0,00691
26,0	112,0	0,00639
35,0	112,0	0,00577
44,0	112,0	0,00524
53,0	112,0	0,00472
62,0	112,0	0,00421

71,0	112,0	0,00380
80,0	112,0	0,00335
89,0	112,0	0,00300
98,0	112,0	0,00263
107,0	112,0	0,00236
116,0	112,0	0,00213
125,0	112,0	0,00192
134,0	112,0	0,00174
143,0	112,0	0,00161
152,0	112,0	0,00147
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-154,0	121,0	0,00188
-145,0	121,0	0,00214
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-127,0	121,0	0,00281
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8,0	121,0	0,00641
17,0	121,0	0,00604
26,0	121,0	0,00563
35,0	121,0	0,00511
44,0	121,0	0,00469
53,0	121,0	0,00427
62,0	121,0	0,00392
71,0	121,0	0,00352
80,0	121,0	0,00313
89,0	121,0	0,00283
98,0	121,0	0,00256
107,0	121,0	0,00231
116,0	121,0	0,00209
125,0	121,0	0,00189
134,0	121,0	0,00172
143,0	121,0	0,00157
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17,0	130,0	0,00535
26,0	130,0	0,00493
35,0	130,0	0,00457
44,0	130,0	0,00422
53,0	130,0	0,00388
62,0	130,0	0,00359
71,0	130,0	0,00326
80,0	130,0	0,00299
89,0	130,0	0,00268
98,0	130,0	0,00244
107,0	130,0	0,00222
116,0	130,0	0,00201
125,0	130,0	0,00183
134,0	130,0	0,00167
143,0	130,0	0,00152
152,0	130,0	0,00139
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17,0	139,0	0,00471
26,0	139,0	0,00443
35,0	139,0	0,00413
44,0	139,0	0,00383
53,0	139,0	0,00354
62,0	139,0	0,00330
71,0	139,0	0,00302
80,0	139,0	0,00280
89,0	139,0	0,00253
98,0	139,0	0,00232
107,0	139,0	0,00212
116,0	139,0	0,00194
125,0	139,0	0,00177
134,0	139,0	0,00162
143,0	139,0	0,00148
152,0	139,0	0,00136
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8,0	148,0	0,00439
17,0	148,0	0,00418
26,0	148,0	0,00401
35,0	148,0	0,00375
44,0	148,0	0,00349
53,0	148,0	0,00324
62,0	148,0	0,00304
71,0	148,0	0,00281
80,0	148,0	0,00262
89,0	148,0	0,00239
98,0	148,0	0,00221
107,0	148,0	0,00203
116,0	148,0	0,00187
125,0	148,0	0,00171
134,0	148,0	0,00157
143,0	148,0	0,00144
152,0	148,0	0,00132
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-154,0	157,0	0,00213
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62,0	157,0	0,00278
71,0	157,0	0,00261
80,0	157,0	0,00245
89,0	157,0	0,00226
98,0	157,0	0,00210
107,0	157,0	0,00195
116,0	157,0	0,00180
125,0	157,0	0,00166
134,0	157,0	0,00152
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152,0	157,0	0,00129

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-154,0	166,0	0,00203
-145,0	166,0	0,00229
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17,0	166,0	0,00343
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62,0	166,0	0,00258
71,0	166,0	0,00244
80,0	166,0	0,00227
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98,0	166,0	0,00199
107,0	166,0	0,00186
116,0	166,0	0,00173
125,0	166,0	0,00160
134,0	166,0	0,00148
143,0	166,0	0,00137
152,0	166,0	0,00126

17 benzo(a)piren(gaz)	Da-R=	0,0009	Obszar zwykły
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98,0	166,0	0,00000
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116,0	166,0	0,00000
125,0	166,0	0,00000
134,0	166,0	0,00000
143,0	166,0	0,00000
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70 ditl. azotu (gaz)	Da-R=	28,0000	Obszar zwykły
CAS 10102-44-0			
-172,0	-113,0	0,00426	
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-145,0	-113,0	0,00533	
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53,0	-113,0	0,00563
62,0	-113,0	0,00527
71,0	-113,0	0,00496
80,0	-113,0	0,00465
89,0	-113,0	0,00438
98,0	-113,0	0,00412
107,0	-113,0	0,00388
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125,0	-113,0	0,00343
134,0	-113,0	0,00324
143,0	-113,0	0,00305
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-154,0	-104,0	0,00503
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-127,0	-104,0	0,00647
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-109,0	-104,0	0,00761
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71,0	-104,0	0,00542
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107,0	-104,0	0,00417
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71,0	-95,0	0,00593
80,0	-95,0	0,00552
89,0	-95,0	0,00515
98,0	-95,0	0,00481
107,0	-95,0	0,00448
116,0	-95,0	0,00418
125,0	-95,0	0,00391
134,0	-95,0	0,00366
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26,0	-86,0	0,00954
35,0	-86,0	0,00887

44,0	-86,0	0,00820
53,0	-86,0	0,00761
62,0	-86,0	0,00706
71,0	-86,0	0,00655
80,0	-86,0	0,00605
89,0	-86,0	0,00561
98,0	-86,0	0,00520
107,0	-86,0	0,00483
116,0	-86,0	0,00449
125,0	-86,0	0,00418
134,0	-86,0	0,00390
143,0	-86,0	0,00364
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-64,0	-77,0	0,01387
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17,0	-77,0	0,01184
26,0	-77,0	0,01086
35,0	-77,0	0,01004
44,0	-77,0	0,00928
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62,0	-77,0	0,00785
71,0	-77,0	0,00722
80,0	-77,0	0,00665
89,0	-77,0	0,00612
98,0	-77,0	0,00565
107,0	-77,0	0,00522
116,0	-77,0	0,00483
125,0	-77,0	0,00448
134,0	-77,0	0,00416
143,0	-77,0	0,00388
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-127,0	-68,0	0,00733
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-91,0	-68,0	0,01136
-82,0	-68,0	0,01271
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8,0	-68,0	0,01486
17,0	-68,0	0,01366
26,0	-68,0	0,01251
35,0	-68,0	0,01153
44,0	-68,0	0,01056
53,0	-68,0	0,00964
62,0	-68,0	0,00880
71,0	-68,0	0,00804
80,0	-68,0	0,00733
89,0	-68,0	0,00671
98,0	-68,0	0,00615
107,0	-68,0	0,00565
116,0	-68,0	0,00520
125,0	-68,0	0,00480
134,0	-68,0	0,00444
143,0	-68,0	0,00413
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-73,0	-59,0	0,01524
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17,0	-59,0	0,01606
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35,0	-59,0	0,01337
44,0	-59,0	0,01210
53,0	-59,0	0,01096
62,0	-59,0	0,00990
71,0	-59,0	0,00896
80,0	-59,0	0,00812
89,0	-59,0	0,00737
98,0	-59,0	0,00672
107,0	-59,0	0,00614
116,0	-59,0	0,00563
125,0	-59,0	0,00518
134,0	-59,0	0,00475
143,0	-59,0	0,00440
152,0	-59,0	0,00410
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26,0	-50,0	0,01743
35,0	-50,0	0,01567
44,0	-50,0	0,01406
53,0	-50,0	0,01258
62,0	-50,0	0,01124
71,0	-50,0	0,01006
80,0	-50,0	0,00904
89,0	-50,0	0,00814
98,0	-50,0	0,00736
107,0	-50,0	0,00668
116,0	-50,0	0,00608
125,0	-50,0	0,00557
134,0	-50,0	0,00512
143,0	-50,0	0,00473
152,0	-50,0	0,00435
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71,0	-41,0	0,01136
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71,0	-32,0	0,01292
80,0	-32,0	0,01139
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98,0	-23,0	0,00992
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143,0	-23,0	0,00582
152,0	-23,0	0,00530
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62,0	-14,0	0,02041
71,0	-14,0	0,01717
80,0	-14,0	0,01461
89,0	-14,0	0,01261
98,0	-14,0	0,01100
107,0	-14,0	0,00971
116,0	-14,0	0,00857
125,0	-14,0	0,00766
134,0	-14,0	0,00688
143,0	-14,0	0,00625
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89,0	-5,0	0,01421
98,0	-5,0	0,01218
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134,0	-5,0	0,00737
143,0	-5,0	0,00662
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44,0	4,0	0,05293
53,0	4,0	0,03894
62,0	4,0	0,02977
71,0	4,0	0,02336
80,0	4,0	0,01906
89,0	4,0	0,01582
98,0	4,0	0,01344
107,0	4,0	0,01155
116,0	4,0	0,01001
125,0	4,0	0,00886
134,0	4,0	0,00785
143,0	4,0	0,00700
152,0	4,0	0,00632
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-163,0	13,0	0,00522
-154,0	13,0	0,00576
-145,0	13,0	0,00642
-136,0	13,0	0,00721
-127,0	13,0	0,00815
-118,0	13,0	0,00932
-109,0	13,0	0,01076
-100,0	13,0	0,01261
-91,0	13,0	0,01501
-82,0	13,0	0,01818
-73,0	13,0	0,02250

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-37,0	13,0	0,07027
-28,0	13,0	0,10225
35,0	13,0	0,14423
44,0	13,0	0,07930
53,0	13,0	0,05044
62,0	13,0	0,03576
71,0	13,0	0,02694
80,0	13,0	0,02143
89,0	13,0	0,01746
98,0	13,0	0,01459
107,0	13,0	0,01240
116,0	13,0	0,01070
125,0	13,0	0,00934
134,0	13,0	0,00827
143,0	13,0	0,00737
152,0	13,0	0,00661
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-154,0	22,0	0,00582
-145,0	22,0	0,00648
-136,0	22,0	0,00727
-127,0	22,0	0,00824
-118,0	22,0	0,00949
-109,0	22,0	0,01097
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-91,0	22,0	0,01538
-82,0	22,0	0,01879
-73,0	22,0	0,02341
-64,0	22,0	0,03001
-55,0	22,0	0,03966
-46,0	22,0	0,05492
-37,0	22,0	0,07930
44,0	22,0	0,12612
53,0	22,0	0,06470
62,0	22,0	0,04243
71,0	22,0	0,03075
80,0	22,0	0,02373
89,0	22,0	0,01907
98,0	22,0	0,01573
107,0	22,0	0,01318
116,0	22,0	0,01129
125,0	22,0	0,00980
134,0	22,0	0,00861
143,0	22,0	0,00763
152,0	22,0	0,00684
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-145,0	31,0	0,00661
-136,0	31,0	0,00742
-127,0	31,0	0,00852
-118,0	31,0	0,00973
-109,0	31,0	0,01125
-100,0	31,0	0,01323
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-73,0	31,0	0,02487
-64,0	31,0	0,03267
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-46,0	31,0	0,06284
53,0	31,0	0,07898
62,0	31,0	0,04828

71,0	31,0	0,03388
80,0	31,0	0,02570
89,0	31,0	0,02028
98,0	31,0	0,01655
107,0	31,0	0,01393
116,0	31,0	0,01183
125,0	31,0	0,01021
134,0	31,0	0,00894
143,0	31,0	0,00790
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-154,0	40,0	0,00612
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-109,0	40,0	0,01181
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62,0	40,0	0,05185
71,0	40,0	0,03569
80,0	40,0	0,02678
89,0	40,0	0,02118
98,0	40,0	0,01721
107,0	40,0	0,01440
116,0	40,0	0,01226
125,0	40,0	0,01051
134,0	40,0	0,00921
143,0	40,0	0,00814
152,0	40,0	0,00726
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-154,0	49,0	0,00638
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-136,0	49,0	0,00795
-127,0	49,0	0,00918
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-91,0	49,0	0,01774
-82,0	49,0	0,02202
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44,0	49,0	0,15714
53,0	49,0	0,08102
62,0	49,0	0,05063
71,0	49,0	0,03573
80,0	49,0	0,02707
89,0	49,0	0,02145
98,0	49,0	0,01759
107,0	49,0	0,01465
116,0	49,0	0,01251
125,0	49,0	0,01073
134,0	49,0	0,00945
143,0	49,0	0,00829
152,0	49,0	0,00739
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17,0	58,0	0,12928
26,0	58,0	0,13501
35,0	58,0	0,12749
44,0	58,0	0,09406
53,0	58,0	0,06497
62,0	58,0	0,04587
71,0	58,0	0,03417
80,0	58,0	0,02660
89,0	58,0	0,02137
98,0	58,0	0,01753
107,0	58,0	0,01475
116,0	58,0	0,01263
125,0	58,0	0,01091
134,0	58,0	0,00953
143,0	58,0	0,00842
152,0	58,0	0,00752
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-163,0	67,0	0,00608
-154,0	67,0	0,00683
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-136,0	67,0	0,00864
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8,0	67,0	0,10498
17,0	67,0	0,10017
26,0	67,0	0,09517
35,0	67,0	0,08323
44,0	67,0	0,06724
53,0	67,0	0,05245
62,0	67,0	0,04050
71,0	67,0	0,03148
80,0	67,0	0,02521
89,0	67,0	0,02067
98,0	67,0	0,01728
107,0	67,0	0,01459
116,0	67,0	0,01250
125,0	67,0	0,01094
134,0	67,0	0,00957
143,0	67,0	0,00853
152,0	67,0	0,00755
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-163,0	76,0	0,00632
-154,0	76,0	0,00701
-145,0	76,0	0,00794
-136,0	76,0	0,00902
-127,0	76,0	0,01034
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-64,0	76,0	0,04459
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-37,0	76,0	0,09272
-28,0	76,0	0,09946
-19,0	76,0	0,09864
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8,0	76,0	0,08370
17,0	76,0	0,07877
26,0	76,0	0,07178
35,0	76,0	0,06251
44,0	76,0	0,05287
53,0	76,0	0,04333
62,0	76,0	0,03520
71,0	76,0	0,02883
80,0	76,0	0,02364
89,0	76,0	0,01969
98,0	76,0	0,01669
107,0	76,0	0,01429
116,0	76,0	0,01235
125,0	76,0	0,01077
134,0	76,0	0,00956
143,0	76,0	0,00848
152,0	76,0	0,00762
-172,0	85,0	0,00591
-163,0	85,0	0,00645
-154,0	85,0	0,00729
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-136,0	85,0	0,00915
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8,0	85,0	0,06751
17,0	85,0	0,06281
26,0	85,0	0,05690
35,0	85,0	0,04996
44,0	85,0	0,04338
53,0	85,0	0,03687
62,0	85,0	0,03100
71,0	85,0	0,02621
80,0	85,0	0,02197
89,0	85,0	0,01864
98,0	85,0	0,01603
107,0	85,0	0,01380
116,0	85,0	0,01208
125,0	85,0	0,01060
134,0	85,0	0,00941

143,0	85,0	0,00843
152,0	85,0	0,00754
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-127,0	94,0	0,01081
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8,0	94,0	0,05513
17,0	94,0	0,05132
26,0	94,0	0,04663
35,0	94,0	0,04148
44,0	94,0	0,03642
53,0	94,0	0,03187
62,0	94,0	0,02753
71,0	94,0	0,02378
80,0	94,0	0,02042
89,0	94,0	0,01758
98,0	94,0	0,01519
107,0	94,0	0,01325
116,0	94,0	0,01167
125,0	94,0	0,01037
134,0	94,0	0,00924
143,0	94,0	0,00828
152,0	94,0	0,00745
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8,0	103,0	0,04579
17,0	103,0	0,04266
26,0	103,0	0,03891
35,0	103,0	0,03507
44,0	103,0	0,03142
53,0	103,0	0,02792

62,0	103,0	0,02459
71,0	103,0	0,02155
80,0	103,0	0,01895
89,0	103,0	0,01645
98,0	103,0	0,01445
107,0	103,0	0,01276
116,0	103,0	0,01125
125,0	103,0	0,01001
134,0	103,0	0,00898
143,0	103,0	0,00807
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-127,0	112,0	0,01151
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-109,0	112,0	0,01551
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17,0	112,0	0,03574
26,0	112,0	0,03308
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44,0	112,0	0,02733
53,0	112,0	0,02462
62,0	112,0	0,02196
71,0	112,0	0,01969
80,0	112,0	0,01736
89,0	112,0	0,01547
98,0	112,0	0,01365
107,0	112,0	0,01212
116,0	112,0	0,01084
125,0	112,0	0,00968
134,0	112,0	0,00870
143,0	112,0	0,00792
152,0	112,0	0,00717
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8,0	121,0	0,03255
17,0	121,0	0,03067
26,0	121,0	0,02846
35,0	121,0	0,02616
44,0	121,0	0,02397
53,0	121,0	0,02190
62,0	121,0	0,01992
71,0	121,0	0,01789
80,0	121,0	0,01604
89,0	121,0	0,01437
98,0	121,0	0,01295
107,0	121,0	0,01161
116,0	121,0	0,01042
125,0	121,0	0,00940
134,0	121,0	0,00847
143,0	121,0	0,00767
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17,0	130,0	0,02668
26,0	130,0	0,02475
35,0	130,0	0,02302
44,0	130,0	0,02127
53,0	130,0	0,01958
62,0	130,0	0,01803
71,0	130,0	0,01635
80,0	130,0	0,01492
89,0	130,0	0,01348
98,0	130,0	0,01219
107,0	130,0	0,01103
116,0	130,0	0,00996
125,0	130,0	0,00902
134,0	130,0	0,00820
143,0	130,0	0,00746
152,0	130,0	0,00679
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17,0	139,0	0,02330
26,0	139,0	0,02195
35,0	139,0	0,02047
44,0	139,0	0,01906
53,0	139,0	0,01762
62,0	139,0	0,01638
71,0	139,0	0,01501
80,0	139,0	0,01379
89,0	139,0	0,01255
98,0	139,0	0,01148
107,0	139,0	0,01047
116,0	139,0	0,00950
125,0	139,0	0,00868
134,0	139,0	0,00792
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35,0	148,0	0,01833
44,0	148,0	0,01719
53,0	148,0	0,01599
62,0	148,0	0,01491
71,0	148,0	0,01382
80,0	148,0	0,01279
89,0	148,0	0,01171
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107,0	148,0	0,00993
116,0	148,0	0,00909
125,0	148,0	0,00834
134,0	148,0	0,00765
143,0	148,0	0,00700

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35,0	157,0	0,01645
44,0	157,0	0,01555
53,0	157,0	0,01460
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107,0	157,0	0,00940
116,0	157,0	0,00867
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107,0	166,0	0,00891
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125,0	166,0	0,00768
134,0	166,0	0,00711
143,0	166,0	0,00655
152,0	166,0	0,00606

72 ditl. siarki (gaz)	Da-R=	15,5000	Obszar zwykły
CAS 7446-09-5			

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62,0	-86,0	0,01584
71,0	-86,0	0,01469
80,0	-86,0	0,01354
89,0	-86,0	0,01252
98,0	-86,0	0,01153
107,0	-86,0	0,01067
116,0	-86,0	0,00989
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143,0	-86,0	0,00795
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116,0	-68,0	0,01126
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134,0	-5,0	0,01517
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152,0	-5,0	0,01261
-172,0	4,0	0,01144
-163,0	4,0	0,01258
-154,0	4,0	0,01391
-145,0	4,0	0,01547
-136,0	4,0	0,01747
-127,0	4,0	0,01972
-118,0	4,0	0,02247
-109,0	4,0	0,02610
-100,0	4,0	0,03040
-91,0	4,0	0,03588
-82,0	4,0	0,04354
-73,0	4,0	0,05398
-64,0	4,0	0,06857
-55,0	4,0	0,08957
-46,0	4,0	0,12321
-37,0	4,0	0,17939
-28,0	4,0	0,27747
-19,0	4,0	0,41231
26,0	4,0	0,13436
35,0	4,0	0,10161
44,0	4,0	0,07753
53,0	4,0	0,06207
62,0	4,0	0,05041
71,0	4,0	0,04127
80,0	4,0	0,03502
89,0	4,0	0,02970

98,0	4,0	0,02597
107,0	4,0	0,02260
116,0	4,0	0,01985
125,0	4,0	0,01789
134,0	4,0	0,01598
143,0	4,0	0,01437
152,0	4,0	0,01300
-172,0	13,0	0,01147
-163,0	13,0	0,01263
-154,0	13,0	0,01399
-145,0	13,0	0,01558
-136,0	13,0	0,01747
-127,0	13,0	0,01976
-118,0	13,0	0,02257
-109,0	13,0	0,02605
-100,0	13,0	0,03047
-91,0	13,0	0,03617
-82,0	13,0	0,04375
-73,0	13,0	0,05404
-64,0	13,0	0,06882
-55,0	13,0	0,09016
-46,0	13,0	0,12383
-37,0	13,0	0,18038
-28,0	13,0	0,27560
35,0	13,0	0,12535
44,0	13,0	0,09097
53,0	13,0	0,06994
62,0	13,0	0,05515
71,0	13,0	0,04476
80,0	13,0	0,03772
89,0	13,0	0,03185
98,0	13,0	0,02731
107,0	13,0	0,02370
116,0	13,0	0,02079
125,0	13,0	0,01840
134,0	13,0	0,01665
143,0	13,0	0,01496
152,0	13,0	0,01352
-172,0	22,0	0,01156
-163,0	22,0	0,01273
-154,0	22,0	0,01410
-145,0	22,0	0,01571
-136,0	22,0	0,01764
-127,0	22,0	0,01998
-118,0	22,0	0,02309
-109,0	22,0	0,02668
-100,0	22,0	0,03124
-91,0	22,0	0,03713
-82,0	22,0	0,04494
-73,0	22,0	0,05565
-64,0	22,0	0,07082
-55,0	22,0	0,09333
-46,0	22,0	0,13020
-37,0	22,0	0,18829
44,0	22,0	0,10395
53,0	22,0	0,07624
62,0	22,0	0,05954
71,0	22,0	0,04810
80,0	22,0	0,03982
89,0	22,0	0,03358
98,0	22,0	0,02874
107,0	22,0	0,02456
116,0	22,0	0,02152
125,0	22,0	0,01903
134,0	22,0	0,01696

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152,0	22,0	0,01376
-172,0	31,0	0,01185
-163,0	31,0	0,01304
-154,0	31,0	0,01444
-145,0	31,0	0,01608
-136,0	31,0	0,01805
-127,0	31,0	0,02085
-118,0	31,0	0,02380
-109,0	31,0	0,02744
-100,0	31,0	0,03205
-91,0	31,0	0,03889
-82,0	31,0	0,04687
-73,0	31,0	0,05924
-64,0	31,0	0,07689
-55,0	31,0	0,10313
-46,0	31,0	0,14377
53,0	31,0	0,08042
62,0	31,0	0,06169
71,0	31,0	0,04987
80,0	31,0	0,04135
89,0	31,0	0,03437
98,0	31,0	0,02946
107,0	31,0	0,02557
116,0	31,0	0,02242
125,0	31,0	0,01953
134,0	31,0	0,01741
143,0	31,0	0,01564
152,0	31,0	0,01414
-172,0	40,0	0,01202
-163,0	40,0	0,01357
-154,0	40,0	0,01500
-145,0	40,0	0,01668
-136,0	40,0	0,01867
-127,0	40,0	0,02169
-118,0	40,0	0,02466
-109,0	40,0	0,02920
-100,0	40,0	0,03391
-91,0	40,0	0,04121
-82,0	40,0	0,05088
-73,0	40,0	0,06405
-64,0	40,0	0,08257
62,0	40,0	0,06318
71,0	40,0	0,05069
80,0	40,0	0,04161
89,0	40,0	0,03530
98,0	40,0	0,02988
107,0	40,0	0,02601
116,0	40,0	0,02287
125,0	40,0	0,01993
134,0	40,0	0,01781
143,0	40,0	0,01601
152,0	40,0	0,01449
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-163,0	49,0	0,01380
-154,0	49,0	0,01573
-145,0	49,0	0,01744
-136,0	49,0	0,01945
-127,0	49,0	0,02261
-118,0	49,0	0,02559
-109,0	49,0	0,03024
-100,0	49,0	0,03612
-91,0	49,0	0,04367
-82,0	49,0	0,05355
-73,0	49,0	0,06676

35,0	49,0	0,14791
44,0	49,0	0,10715
53,0	49,0	0,07949
62,0	49,0	0,06198
71,0	49,0	0,05047
80,0	49,0	0,04188
89,0	49,0	0,03523
98,0	49,0	0,03051
107,0	49,0	0,02624
116,0	49,0	0,02317
125,0	49,0	0,02024
134,0	49,0	0,01814
143,0	49,0	0,01606
152,0	49,0	0,01455
-172,0	58,0	0,01327
-163,0	58,0	0,01452
-154,0	58,0	0,01596
-145,0	58,0	0,01827
-136,0	58,0	0,02030
-127,0	58,0	0,02353
-118,0	58,0	0,02746
-109,0	58,0	0,03114
-100,0	58,0	0,03696
-91,0	58,0	0,04437
-82,0	58,0	0,05629
-73,0	58,0	0,06956
8,0	58,0	0,23228
17,0	58,0	0,18574
26,0	58,0	0,14914
35,0	58,0	0,11950
44,0	58,0	0,09326
53,0	58,0	0,07393
62,0	58,0	0,05946
71,0	58,0	0,04933
80,0	58,0	0,04148
89,0	58,0	0,03529
98,0	58,0	0,03030
107,0	58,0	0,02625
116,0	58,0	0,02329
125,0	58,0	0,02044
134,0	58,0	0,01805
143,0	58,0	0,01632
152,0	58,0	0,01483
-172,0	67,0	0,01348
-163,0	67,0	0,01471
-154,0	67,0	0,01672
-145,0	67,0	0,01840
-136,0	67,0	0,02110
-127,0	67,0	0,02435
-118,0	67,0	0,02830
-109,0	67,0	0,03189
-100,0	67,0	0,03923
-91,0	67,0	0,04696
-82,0	67,0	0,05685
-73,0	67,0	0,07327
-64,0	67,0	0,09541
-28,0	67,0	0,23918
-19,0	67,0	0,24520
-10,0	67,0	0,22812
-1,0	67,0	0,20751
8,0	67,0	0,18120
17,0	67,0	0,15238
26,0	67,0	0,12641
35,0	67,0	0,10386
44,0	67,0	0,08384

53,0	67,0	0,06868
62,0	67,0	0,05651
71,0	67,0	0,04691
80,0	67,0	0,03997
89,0	67,0	0,03437
98,0	67,0	0,02979
107,0	67,0	0,02600
116,0	67,0	0,02282
125,0	67,0	0,02049
134,0	67,0	0,01819
143,0	67,0	0,01650
152,0	67,0	0,01477
-172,0	76,0	0,01364
-163,0	76,0	0,01539
-154,0	76,0	0,01682
-145,0	76,0	0,01911
-136,0	76,0	0,02183
-127,0	76,0	0,02511
-118,0	76,0	0,02796
-109,0	76,0	0,03407
-100,0	76,0	0,04025
-91,0	76,0	0,04797
-82,0	76,0	0,06095
-73,0	76,0	0,07361
-64,0	76,0	0,09379
-55,0	76,0	0,12256
-46,0	76,0	0,15119
-37,0	76,0	0,17459
-28,0	76,0	0,18726
-19,0	76,0	0,18634
-10,0	76,0	0,17423
-1,0	76,0	0,15948
8,0	76,0	0,14365
17,0	76,0	0,12535
26,0	76,0	0,10668
35,0	76,0	0,09011
44,0	76,0	0,07631
53,0	76,0	0,06284
62,0	76,0	0,05267
71,0	76,0	0,04516
80,0	76,0	0,03826
89,0	76,0	0,03321
98,0	76,0	0,02904
107,0	76,0	0,02554
116,0	76,0	0,02257
125,0	76,0	0,02005
134,0	76,0	0,01819
143,0	76,0	0,01630
152,0	76,0	0,01490
-172,0	85,0	0,01426
-163,0	85,0	0,01547
-154,0	85,0	0,01745
-145,0	85,0	0,01978
-136,0	85,0	0,02170
-127,0	85,0	0,02488
-118,0	85,0	0,02877
-109,0	85,0	0,03353
-100,0	85,0	0,04165
-91,0	85,0	0,04937
-82,0	85,0	0,06221
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-64,0	85,0	0,09522
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8,0	85,0	0,11686
17,0	85,0	0,10355
26,0	85,0	0,09116
35,0	85,0	0,07889
44,0	85,0	0,06844
53,0	85,0	0,05766
62,0	85,0	0,04915
71,0	85,0	0,04275
80,0	85,0	0,03655
89,0	85,0	0,03201
98,0	85,0	0,02818
107,0	85,0	0,02493
116,0	85,0	0,02217
125,0	85,0	0,01982
134,0	85,0	0,01779
143,0	85,0	0,01626
152,0	85,0	0,01469
-172,0	94,0	0,01431
-163,0	94,0	0,01604
-154,0	94,0	0,01741
-145,0	94,0	0,01970
-136,0	94,0	0,02246
-127,0	94,0	0,02580
-118,0	94,0	0,02989
-109,0	94,0	0,03488
-100,0	94,0	0,04092
-91,0	94,0	0,05104
-82,0	94,0	0,05985
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-37,0	94,0	0,12129
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8,0	94,0	0,09721
17,0	94,0	0,08840
26,0	94,0	0,07894
35,0	94,0	0,06957
44,0	94,0	0,06055
53,0	94,0	0,05295
62,0	94,0	0,04592
71,0	94,0	0,04051
80,0	94,0	0,03496
89,0	94,0	0,03086
98,0	94,0	0,02683
107,0	94,0	0,02389
116,0	94,0	0,02137
125,0	94,0	0,01949
134,0	94,0	0,01757
143,0	94,0	0,01590
152,0	94,0	0,01442
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-154,0	103,0	0,01809
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-118,0	103,0	0,03151

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8,0	103,0	0,08243
17,0	103,0	0,07563
26,0	103,0	0,06824
35,0	103,0	0,06092
44,0	103,0	0,05468
53,0	103,0	0,04866
62,0	103,0	0,04293
71,0	103,0	0,03759
80,0	103,0	0,03350
89,0	103,0	0,02918
98,0	103,0	0,02603
107,0	103,0	0,02328
116,0	103,0	0,02090
125,0	103,0	0,01883
134,0	103,0	0,01704
143,0	103,0	0,01548
152,0	103,0	0,01431
-172,0	112,0	0,01492
-163,0	112,0	0,01604
-154,0	112,0	0,01811
-145,0	112,0	0,02060
-136,0	112,0	0,02361
-127,0	112,0	0,02721
-118,0	112,0	0,03147
-109,0	112,0	0,03639
-100,0	112,0	0,04202
-91,0	112,0	0,05087
-82,0	112,0	0,05999
-73,0	112,0	0,06691
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-55,0	112,0	0,08175
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8,0	112,0	0,06999
17,0	112,0	0,06459
26,0	112,0	0,05967
35,0	112,0	0,05380
44,0	112,0	0,04886
53,0	112,0	0,04405
62,0	112,0	0,03936
71,0	112,0	0,03561
80,0	112,0	0,03140
89,0	112,0	0,02822
98,0	112,0	0,02477
107,0	112,0	0,02228
116,0	112,0	0,02010
125,0	112,0	0,01818
134,0	112,0	0,01650

143,0	112,0	0,01528
152,0	112,0	0,01395
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-154,0	121,0	0,01820
-145,0	121,0	0,02073
-136,0	121,0	0,02376
-127,0	121,0	0,02732
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-109,0	121,0	0,03608
-100,0	121,0	0,04349
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8,0	121,0	0,06023
17,0	121,0	0,05674
26,0	121,0	0,05277
35,0	121,0	0,04790
44,0	121,0	0,04390
53,0	121,0	0,04000
62,0	121,0	0,03675
71,0	121,0	0,03304
80,0	121,0	0,02945
89,0	121,0	0,02668
98,0	121,0	0,02415
107,0	121,0	0,02184
116,0	121,0	0,01976
125,0	121,0	0,01791
134,0	121,0	0,01628
143,0	121,0	0,01484
152,0	121,0	0,01359
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-163,0	130,0	0,01716
-154,0	130,0	0,01836
-145,0	130,0	0,02094
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-127,0	130,0	0,02745
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-37,0	130,0	0,06365
-28,0	130,0	0,06218
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-1,0	130,0	0,05557
8,0	130,0	0,05324
17,0	130,0	0,05038
26,0	130,0	0,04637
35,0	130,0	0,04301
44,0	130,0	0,03968
53,0	130,0	0,03643

62,0	130,0	0,03378
71,0	130,0	0,03068
80,0	130,0	0,02817
89,0	130,0	0,02524
98,0	130,0	0,02301
107,0	130,0	0,02093
116,0	130,0	0,01904
125,0	130,0	0,01732
134,0	130,0	0,01578
143,0	130,0	0,01443
152,0	130,0	0,01322
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-154,0	139,0	0,01990
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8,0	139,0	0,04683
17,0	139,0	0,04447
26,0	139,0	0,04177
35,0	139,0	0,03891
44,0	139,0	0,03607
53,0	139,0	0,03333
62,0	139,0	0,03112
71,0	139,0	0,02852
80,0	139,0	0,02640
89,0	139,0	0,02388
98,0	139,0	0,02192
107,0	139,0	0,02007
116,0	139,0	0,01834
125,0	139,0	0,01676
134,0	139,0	0,01532
143,0	139,0	0,01403
152,0	139,0	0,01288
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-118,0	148,0	0,03263
-109,0	148,0	0,03603
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-91,0	148,0	0,04350
-82,0	148,0	0,04633
-73,0	148,0	0,04875
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-10,0	148,0	0,04464
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8,0	148,0	0,04155
17,0	148,0	0,03956
26,0	148,0	0,03789
35,0	148,0	0,03545
44,0	148,0	0,03299
53,0	148,0	0,03062
62,0	148,0	0,02875
71,0	148,0	0,02653
80,0	148,0	0,02474
89,0	148,0	0,02258
98,0	148,0	0,02087
107,0	148,0	0,01923
116,0	148,0	0,01768
125,0	148,0	0,01623
134,0	148,0	0,01488
143,0	148,0	0,01366
152,0	148,0	0,01256
-172,0	157,0	0,01610
-163,0	157,0	0,01827
-154,0	157,0	0,02070
-145,0	157,0	0,02189
-136,0	157,0	0,02466
-127,0	157,0	0,02906
-118,0	157,0	0,03201
-109,0	157,0	0,03489
-100,0	157,0	0,03769
-91,0	157,0	0,04033
-82,0	157,0	0,04292
-73,0	157,0	0,04471
-64,0	157,0	0,04553
-55,0	157,0	0,04528
-46,0	157,0	0,04549
-37,0	157,0	0,04409
-28,0	157,0	0,04254
-19,0	157,0	0,04110
-10,0	157,0	0,03984
-1,0	157,0	0,03912
8,0	157,0	0,03767
17,0	157,0	0,03600
26,0	157,0	0,03405
35,0	157,0	0,03197
44,0	157,0	0,03035
53,0	157,0	0,02827
62,0	157,0	0,02629
71,0	157,0	0,02473
80,0	157,0	0,02320
89,0	157,0	0,02135
98,0	157,0	0,01986
107,0	157,0	0,01842
116,0	157,0	0,01703
125,0	157,0	0,01571
134,0	157,0	0,01447
143,0	157,0	0,01332
152,0	157,0	0,01227
-172,0	166,0	0,01654
-163,0	166,0	0,01871
-154,0	166,0	0,01971
-145,0	166,0	0,02216
-136,0	166,0	0,02476
-127,0	166,0	0,02743
-118,0	166,0	0,03116
-109,0	166,0	0,03357

-100,0	166,0	0,03583
-91,0	166,0	0,03789
-82,0	166,0	0,03960
-73,0	166,0	0,04083
-64,0	166,0	0,04095
-55,0	166,0	0,04128
-46,0	166,0	0,04015
-37,0	166,0	0,03986
-28,0	166,0	0,03833
-19,0	166,0	0,03696
-10,0	166,0	0,03581
-1,0	166,0	0,03519
8,0	166,0	0,03393
17,0	166,0	0,03247
26,0	166,0	0,03079
35,0	166,0	0,02949
44,0	166,0	0,02762
53,0	166,0	0,02622
62,0	166,0	0,02445
71,0	166,0	0,02310
80,0	166,0	0,02147
89,0	166,0	0,02017
98,0	166,0	0,01889
107,0	166,0	0,01763
116,0	166,0	0,01639
125,0	166,0	0,01521
134,0	166,0	0,01407
143,0	166,0	0,01300
152,0	166,0	0,01200