



2024

Aggregate Wear Index Determination MTM 112 (A.W.I.)

Source: 21-0022SG Barbeau

To use this data for Hot Mix Asphalt Mix Design calculation of the Aggregate Wear Index:

Locate the crush percent of the component in your mix design under the Crush column and enter the AWI for that crush on your design.

If your material crush is in between numbers, round to the nearest 5 or 0.

A 93% crush would use the 95% crush number, a 92% crush would use the 90% crush number.

If you have any questions about this chart, the data in it or the source information, please contact the Michigan Department of Transportation's Aggregate Quality Unit:

MDOT-AggregateQuality@michigan.gov

Crush %	A.W.I.
100	271
95	267
90	264
85	260
80	257
75	253
70	250
65	246
60	243
55	239
50	236
45	232
40	229
35	225
30	222
25	218
20	215
15	211
10	208
5	204
0	200

21-022 Historical

Wednesday, November 1, 2023