



2024

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

Source: 45-0039SG Hulbert

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	255
95	252
90	248
85	245
80	242
75	238
70	235
65	232
60	228
55	225
50	222
45	219
40	215
35	212
30	209
25	205
20	202
15	199
10	195
5	192
0	189

45-039 Historical

Thursday, November 2, 2023