



2024

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

Source: 47-0016SG Rupp

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	287
95	283
90	280
85	276
80	272
75	268
70	265
65	261
60	257
55	253
50	250
45	246
40	242
35	238
30	235
25	231
20	227
15	224
10	220
5	216
0	212

47-016 Historical