



2025

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

Source: 34-087 Ionia Pit

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	NA
95	NA
90	NA
85	NA
80	NA
75	NA
70	282
65	278
60	275
55	271
50	267
45	264
40	260
35	256
30	253
25	249
20	245
15	242
10	238
5	234
0	231