



2025

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

Source: 03-090 Southwest Gravel

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	293
90	289
85	285
80	282
75	278
70	274
65	270
60	266
55	263
50	259
45	255
40	251
35	247
30	243
25	240
20	236
15	232
10	228
5	224
0	221