



2024

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

Source: 41-0148SG Grand Rapids Gravel #18

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	315
95	310
90	306
85	302
80	298
75	294
70	290
65	286
60	282
55	278
50	274
45	270
40	265
35	261
30	257
25	253
20	249
15	245
10	241
5	237
0	233

41-148 Historical