



2024

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

Source: 31-0077SG Vitton

*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](mailto:MDOT-AggregateQuality@michigan.gov)*

Crush %	A.W.I.
100	370
95	365
90	360
85	356
80	351
75	346
70	341
65	336
60	332
55	327
50	322
45	317
40	312
35	307
30	303
25	298
20	293
15	288
10	283
5	279
0	274

**31-077 Historical**

Thursday, November 2, 2023