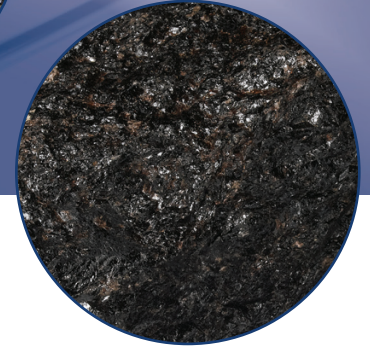
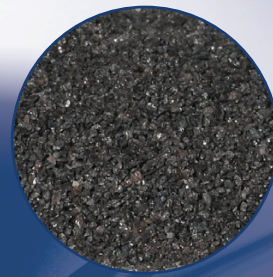
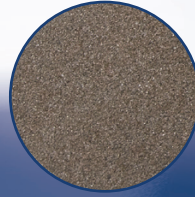


DURALUM[®] HFST

(HIGH FRICTION SURFACE TREATMENTS)



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DESCRIPTION

DURALUM[®] HFST is an extremely hard, abrasion resistant, chemically inert, fused brown aluminum oxide abrasive

APPLICATIONS

DURALUM[®] HFST is manufactured for use in high friction surface treatments (HFST). It meets AASHTO PP 79-14 requirements for roadway aggregate. DURALUM[®] HFST provides abrasion resistance when combined with epoxy and spread over roadways to reduce crashes on slick surfaces. DURALUM[®] HFST is used in common roadway locations such as; high volume intersections, interchange ramps, bridges, and select segments of interstate alignments.

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃ (by difference)	96.05%
TiO ₂	2.70%
SiO ₂	0.70%
Fe ₂ O ₃	0.10%
CaO	0.15%
MgO	0.30%

TYPICAL PHYSICAL PROPERTIES

Crystallography	Alpha alumina, in a hexagonal crystal
Color	Brown
Specific Gravity	3.92
Knoop ₁₀₀ Hardness	2050
Shape	Blocky with sharp edges
Grading (Grain)	ANSI B74.12-2001, Table 2 OR FEPA 42-1:2006
Grading (Powder)	ANSI B74.10-2001 OR FEPA 42-2:2006
Bulk Density (Grain)	ANSI B74.4-1992 (R2007)

AVAILABLE SIZES

Gradation meet the required AASHTO PP 79-14 standard for high friction surface treatments.

This product information is NOT a specification. It is offered in good faith only as a general description of the product. **Washington Mills makes no warranty of merchantability or of fitness for any particular purpose.** The product chemistry and other characteristics may vary or contain trace elements not specifically listed. If your intended application for this product is so critical that relatively minor variations in chemistry or physical properties could cause problems or damage to your process or product, please contact our office for further assistance.