

GSF™ TECHNICAL DATA SHEET

Physical Properties

Hardness:	>6
Specific Gravity:	3.4 to 3.6
Color:	Dull Black
Shape:	Uniform and Angular
Bulk Density:	100 to 120 lbs. Cu. Ft.

Typical Chemical Analysis - % by weight

Fe	32.11
SiO ₂	38.92
Al ₂ O ₃	9.45
CaO	5.94
MgO	0.13
S	2.27
Na ₂ O	0.13
K ₂ O	0.17
Free-Silica	<0.1

Aggregate Tests Results

Fractured Faces	100%
L.A. Wear %	4% Loss
Sand Equivalency	91%
Uncompacted Voids	45.6%

Gradation

GSF™ sizing will typically run 100% passing the #30 mesh screen, a range of 60% to 90% passing the #120 mesh screen, and a range of 50% to 85% passing the #200 mesh screen. The equipment and technique used to analyze material such as GSF™ may vary the results significantly.