



Texan Minerals and Chemicals

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TECHNICAL DATA SHEET

Product Name: TEXAN INDIAN GARNET Water Jet Grade

Size: 80 Mesh

Chemical Analysis		Sieve Analysis		
Elements	Standard (%)	MM	ASTM	Standard (%)
SiO ₂	33.0 - 37.0%	0.300	+50	0.2 - 1
Al ₂ O ₃	19.0 - 22.0%	0.250	+60	20 - 30
Fe ₂ O ₃	31.0 - 37.0%	0.180	+80	35 - 50
MgO	3.0 - 8.0%	0.150	+100	15 - 25
CaO	1.0 - 3.0%	0.125	+120	3 - 5
TiO ₂	0.20 - 1.0%	PAN		0.2 - 0.4

Mineral Composition		Physical Analysis	
Mineral	% by Weight	Test	Standard
Garnet	96% Min	Conductivity	Max 200 μ s/cm
Ilmenite	2% Max	Chloride	Max 25 PPM
Others	1% Max	Hardness	Max 7 - 8.0
		Moisture	Max 0.20%
		Total Suspended solids	Max 2000 mg/l
		Density	Min 2.2 - Max 2.40