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INDIA GARNET-COARSE

Product Data Sheet

Mineralogy : India Garnet
Guaranteed : max 96.5%
Typical : 97%

Chemical Analysis

Parameters	Typical (%)
SiO ₂	36-38
Al ₂ O ₃	20-22
Fe ₂ O ₃	31-33
TiO ₂	0.5-0.8
CaO	2-4
MgO	7-9
LOI	0.01-0.05
P ₂ O ₅	0.1-0.2
Soluble Chloride	<20 ppm

Sieve Analysis

Mesh (US)	Retention (%)
30	3-4
40	17-19
50	42-44
60	14-16
70	9-10
80	5-7
90	3-5
100	1-2
120	
-120	Traces

Physical Analysis

Specific Gravity	4.1
Hardness	7.5-8.00 (Moh scale)
Bulk Density	2.40 gm/cm ³
Conductivity	<150 μ s/cm

Note: Garnet is a natural product and as such slight variations in the chemical analysis and size distribution should be expected. Special contracts covering guarantees other than those specified can be negotiated.