



SUPER GARNET GRADE - B (#20-40)

V V MINERAL
LARGEST EXPORTER OF GARNET

VERSION: V 3.1

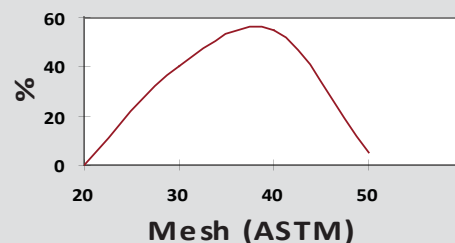
PARTICLE SIZE ANALYSIS REPORT

Mesh	MM	Retained %	
		Guaranteed	Typical
20	0.850	0 - 0.8	0.10
30	0.600	25 - 45	39.96
40	0.425	40 - 60	54.88
50	0.300	0 - 10	5.06

MINERALOGICAL REPORT

Minerals	Guaranteed	Typical
Garnet	Min 99.50 %	99.75 %
Ilmenite	Max 00.40 %	00.15 %
Others	Max 00.10 %	00.10 %

Typical Size - B (20-40)



PHYSICAL PARAMETERS

Parameters	Guaranteed	Typical
Conductivity	Max 32.0 mS/m	22.44 mS/m
Chloride	Max 60 ppm	46.18 ppm
Specific gravity	3.9 - 4.4	4.12
Bulk density	2.10 - 2.70 g/cm ³	2.49 g/cm ³
Hardness	Min 7 moh scale	7.5 moh scale
Suspended Solid	Max 3000 mg/l	1950 mg/l
Moisture	Max 0.30 %	0.19 %
Toxic substances	None	None

CHEMICAL CONTENT

Elements	Guaranteed	Typical
SiO ₂	33.0 - 38.0 %	35.64 %
Al ₂ O ₃	19.0 - 22.0 %	20.49 %
Fe ₂ O ₃	30.0 - 35.0 %	33.26 %
MgO	6.0 - 8.0 %	7.24 %
CaO	1.0 - 2.0 %	1.04 %
TiO ₂	0.1 - 1.50 %	0.92 %

* Garnet being a natural product, its analysis is expected to vary periodically and between deposits



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