



SUPER GARNET GRADE - A (#14-30)

V V MINERAL
LARGEST EXPORTER OF GARNET

VERSION: V 3.1

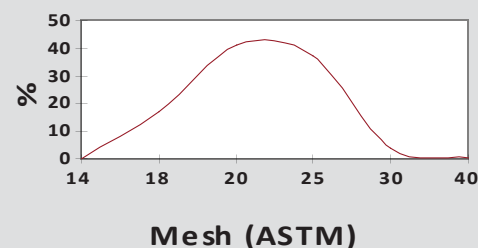
PARTICLE SIZE ANALYSIS REPORT

Mesh	MM	Retained %	
		Guaranteed	Typical
14	1.400	0 - 1	0.10
18	1.000	12 - 25	17.20
20	0.850	30 - 45	40.98
25	0.710	30 - 50	37.31
30	0.600	2 - 10	3.87
40	0.425	0 - 1	0.54

MINERALOGICAL REPORT

Minerals	Guaranteed	Typical
Garnet	Min 99.50%	99.97%
Ilmenite	Max 00.40%	00.01%
Others	Max 00.10%	00.02%

Typical Size - A (#14-30)



PHYSICAL PARAMETERS

Parameters	Guaranteed	Typical
Conductivity	Max 29.0 mS/m	21.10 mS/m
Chloride	Max 50 ppm	42.10 ppm
Specific gravity	3.9 - 4.3	4.12
Bulk density	2.10 - 2.70 g/cm ³	2.46 g/cm ³
Hardness	Min 7 moh scale	7.5 moh scale
Toxic substances	None	None
Suspended Solid	Max 1500 mg/l	960 mg/l
Moisture	Max 0.30%	0.14 %

CHEMICAL CONTENT

Elements	Guaranteed	Typical
SiO ₂	33.0 - 38.0%	36.26%
Al ₂ O ₃	19.0 - 22.0%	20.54%
Fe ₂ O ₃	30.0 - 35.0%	32.12 %
MgO	6.0 - 8.0%	6.52%
CaO	1.0 - 2.0%	1.32%
TiO ₂	0.1 - 1.0%	0.54%

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

