



SUPER GARNET GRADE - C (#30-60)

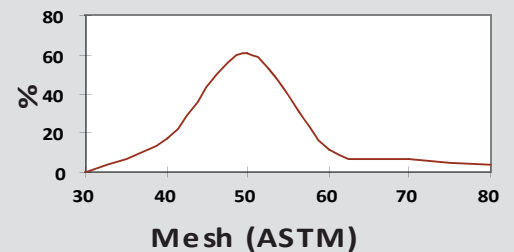
V V MINERAL
LARGEST EXPORTER OF GARNET

VERSION: V 3.1

PARTICLE SIZE ANALYSIS REPORT

Mesh	MM	Retained %	
		Guaranteed	Typical
30	0.600	0 - 2	0.44
40	0.425	12 - 22	17.48
50	0.300	45 - 65	60.86
60	0.250	5 - 20	11.42
70	0.212	0 - 10	6.38
80	0.180	0 - 5	3.42

Typical Size - C (#30-60)



MINERALOGICAL REPORT

Minerals	Guaranteed	Typical
Garnet	Min 98.50 %	98.92 %
Ilmenite	Max 01.00 %	00.86 %
Others	Max 00.50 %	00.22 %

PHYSICAL PARAMETERS

Parameters	Guaranteed	Typical
Conductivity	Max 15 mS/m	12.16 mS/m
Chloride	Max 25 ppm	22.62 ppm
Specific gravity	3.9 - 4.3	4.06
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	680 mg/l
Moisture	Max 0.30 %	0.16 %

CHEMICAL CONTENT

Elements	Guaranteed	Typical
SiO ₂	33.0 - 38.0 %	35.16 %
Al ₂ O ₃	19.0 - 22.0 %	20.26 %
Fe ₂ O ₃	30 - 35.0 %	31.66 %
MgO	6.0 - 8.0 %	6.90 %
CaO	1.0 - 2.0 %	1.26 %
TiO ₂	0.5 - 2.8 %	1.80 %



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

Keerikarantattu, Tisaiyanvilai 627 657. Tirunelveli District, Tamil Nadu, India.

Tel: +91 4637 271302 / 271202 Fax: +91 4637 271802 Email: Sales@vmineral.com www.vmineral.com