



SUPER GARNET GRADE - D (#80)

V V MINERAL
LARGEST EXPORTER OF GARNET

VERSION: V 3.1

PARTICLE SIZE ANALYSIS REPORT

Mesh	MM	Retained %	
		Guaranteed	Typical
40	0.425	0.01 - 0.15	0.02
50	0.300	10 - 20	18.22
60	0.250	30 - 40	35.64
70	0.212	30 - 40	33.70
80	0.180	7 - 15	10.24
120	0.125	1 - 3	2.18

MINERALOGICAL REPORT

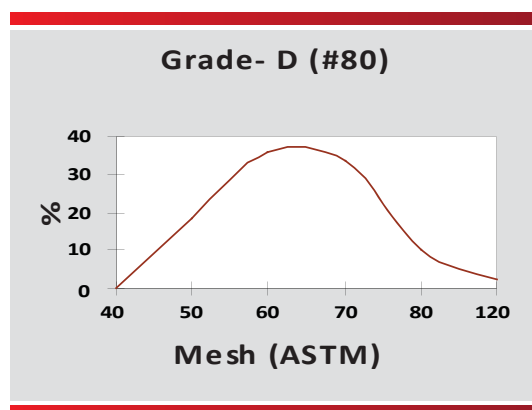
Minerals	Guaranteed	Typical
Garnet	Min 98.00 %	99.29 %
Ilmenite	Max 01.50 %	00.57 %
Others	Max 00.50 %	00.14 %

PHYSICAL PARAMETERS

Parameters	Guaranteed	Typical
Conductivity	Max 15.0 mS/m	13.72 mS/m
Chloride	Max 25 ppm	19.81 ppm
Specific gravity	3.9 - 4.3	4.10
Bulk density	2.10 - 2.70 g/cm ³	2.49 g/cm ³
Hardness	Min 7 moh scale	7 moh scale
Suspended Solid	Max 1500 mg/l	760 mg/l
Moisture	Max 0.30 %	0.13 %
Toxic substances	None	None

CHEMICAL CONTENT

Elements	Guaranteed	Typical
SiO ₂	33.0 - 38.0 %	35.44 %
Al ₂ O ₃	19.0 - 22.0 %	20.46 %
Fe ₂ O ₃	30 - 35.0 %	30.41 %
MgO	6.0 - 8.0 %	6.72 %
CaO	1.0 - 2.0 %	1.26 %
TiO ₂	1.0 - 4.0 %	2.14 %



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

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