



# V.V. MINERAL

17/C Keeraikaranthattu, Tisaiyanvillai.  
Tamil Nadu. 627657. India.

Ph : +91 4637 272361/ 362 Ext.104/108

Fax : +91 4637 272802

Email: sales@vvmineral.com

Web site: www.vvmineral.com

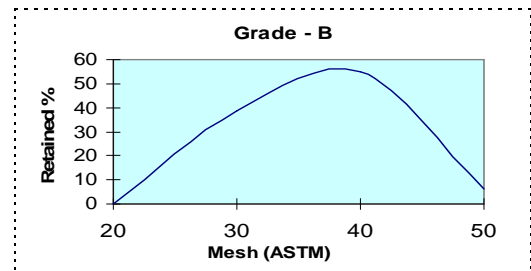
Version : V 3.5

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## GRADE - B (#20-40)

### Particle Size Analysis report

Mesh	MM	Retained %	
		Guaranteed	Typical
20	0.850	< 1	0.10
30	0.600	25 ~ 45	38.84
40	0.425	40 ~ 60	55.10
50	0.300	< 10	5.96



### Mineralogical report

Minerals	Guaranteed	Typical
Garnet	Min 99.50 %	99.70 %
Ilmenite	Max 00.40 %	00.20 %
Others	Max 00.10 %	00.10 %

### Physical Parameters

Parameters	Guaranteed	Typical
Conductivity	Max 15.0 mS/m	9.80 mS/m
Chloride	Max 25 ppm	19.20 ppm
Specific gravity	3.9 ~ 4.4	4.11
Bulk density	2.1 ~ 2.7 g/cm <sup>3</sup>	2.44 g/cm <sup>3</sup>
Hardness	Min 7 moh scale	7.5 moh scale
Suspended Solid	Max 1500 mg/l	810 mg/l
Moisture	Max 0.25 %	0.11 %
Toxic substances	None	None

### Chemical Content

Elements	Guaranteed	Typical
SiO <sub>2</sub>	33.0 ~ 38.0 %	35.56 %
Al <sub>2</sub> O <sub>3</sub>	19.0 ~ 22.0 %	20.28 %
Fe <sub>2</sub> O <sub>3</sub>	30.0 ~ 35.0 %	33.64 %
MgO	6.0 ~ 8.0 %	7.22 %
CaO	1.0 ~ 2.0 %	1.01 %
TiO <sub>2</sub>	0.1 ~ 1.50 %	0.92 %

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