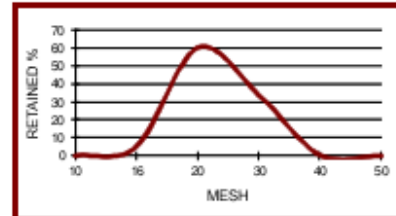


INDO GARNET

GRADE : # 12/20

SIEVE ANALYSIS

Mesh	Micron	Retained %	
		Spec	Actual
16	1180	0 - 20	5.34
20	850	> 40	60.19
30	600	30 - 50	33.96
40	425	0 - 10	0.49
50	300	0 - 2	0.02



MINERAL COMPOSITION

Minerals	Specification (%)	Actual (%)
Garnet	Min 99.00	99.86
Ilmenite	Max 00.50	00.05
Others	Max 00.50	00.09

PHYSICAL CHARACTERISTICS

Minerals	Specification	Actual
Specific Gravity	4.0 - 4.3	4.12
Conductivity	Max 150 μ s/cm	58.12 μ s/cm
Chloride	Max 25ppm	6.32 ppm
Hardness	Min 7 Moh's Scale	> 7 Moh's Scale
Bulk Density	2.0 - 2.7 g/cm ³	2.42 g/cm ³
Suspended Solids	Max 1500 mg/l	1050 mg/l

CHEMICAL COMPOSITION

Elements	Specification (%)	Actual (%)
SiO ₂	32 - 40	36.44
Al ₂ O ₃	18 - 24	20.26
Fe ₂ O ₃	28 - 35	33.16
MgO	5 - 9	6.70
CaO	1 - 3	1.20
TiO ₂	0 - 1	0.80
Others	0 - 3	1.44

Manufactured by:



**TRANSWORLD
GARNET**
INDIA PVT. LTD.
MAKING OUR ENVIRONMENT CLEARER

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Year : 2016