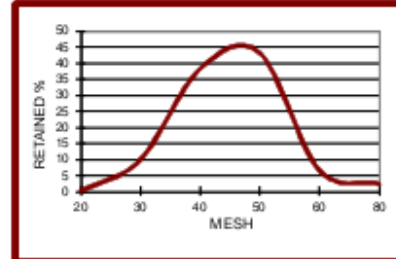


INDO GARNET

GRADE : # 20/40F

SIEVE ANALYSIS

Mesh	Micron	Retained %	
		Spec	Actual
20	850	0 - 2	0.10
30	600	5 - 20	9.76
40	425	20 - 60	38.03
50	300	30 - 60	43.18
60	250	0 - 15	6.66
80	180	0 - 5	2.27



MINERAL COMPOSITION

Minerals	Specification (%)	Actual (%)
Garnet	Min 98.00	99.54
Ilmenite	Max 01.00	00.10
Others	Max 01.00	00.36

PHYSICAL CHARACTERISTICS

Minerals	Specification	Actual
Specific Gravity	4.0 - 4.3	4.10
Conductivity	Max 150 μ s/cm	58.55 μ s/cm
Chloride	Max 25ppm	7.80 ppm
Hardness	Min 7 Moh's Scale	> 7 Moh's Scale
Bulk Density	2.0 - 2.7 g/cm ³	2.40 g/cm ³
Suspended Solids	Max 1500 mg/l	1120 mg/l

CHEMICAL COMPOSITION

Elements	Specification (%)	Actual (%)
SiO ₂	32 - 40	35.80
Al ₂ O ₃	18 - 24	21.26
Fe ₂ O ₃	28 - 35	33.40
MgO	5 - 9	6.40
CaO	1 - 3	1.26
TiO ₂	1 - 2	1.06
Others	0 - 3	0.82

Manufactured by :



**TRANSWORLD
GARNET**
INDIA PVT. LTD.

MAKING OUR ENVIRONMENT CLEANER

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