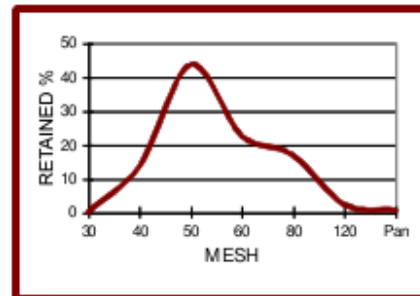


INDO GARNET

GRADE : # 30/60F

SIEVE ANALYSIS

Mesh	Micron	Retained %	
		Spec	Actual
30	600	0 - 1	0.10
40	425	8 - 20	13.74
50	300	35 - 50	43.60
60	250	10 - 25	22.64
80	180	15 - 25	16.93
120	125	2 - 10	2.37
Pan	-125	0 - 2	0.62



MINERAL COMPOSITION

Minerals	Specification (%)	Actual (%)
Garnet	Min 97.00	99.23
Ilmenite	Max 02.00	00.29
Others	Max 01.00	00.48

PHYSICAL CHARACTERISTICS

Minerals	Specification	Actual
Specific Gravity	4.0 - 4.3	4.12
Conductivity	Max 150 μ s/cm	62.00 μ s/cm
Chloride	Max 25ppm	8.60 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	1120 mg/l

CHEMICAL COMPOSITION

Elements	Specification (%)	Actual (%)
SiO ₂	32 - 40	35.46
Al ₂ O ₃	18 - 24	21.48
Fe ₂ O ₃	28 - 35	32.16
MgO	5 - 9	6.32
CaO	1 - 3	1.36
TiO ₂	1 - 3	1.74
Others	0 - 3	1.48

Manufactured by:



**TRANSWORLD
GARNET**
INDIA PVT. LTD.

MAKING OUR ENVIRONMENT CLEANER

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