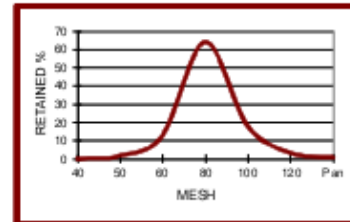


INDO GARNET

GRADE : # 80 ECJ

SIEVE ANALYSIS

Mesh	Micron	Retained %	
		Spec	Actual
50	300	0 - 5	1.55
60	250	5 - 20	12.67
80	180	50 - 80	63.90
100	150	10 - 30	18.05
Pan	- 150	0 - 10	3.83



MINERAL COMPOSITION

Minerals	Specification (%)	Actual (%)
Garnet	Min 95.00	99.09
Ilmenite	Max 03.00	00.47
Others	Max 02.00	00.44

PHYSICAL CHARACTERISTICS

Minerals	Specification	Actual
Specific Gravity	4.0 - 4.3	4.1
Conductivity	Max 250 μ s/cm	68.37 μ s/cm
Chloride	Max 25ppm	9.78 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	1160 mg/l

CHEMICAL COMPOSITION

Elements	Specification (%)	Actual (%)
SiO ₂	32 - 40	35.00
Al ₂ O ₃	18 - 24	20.76
Fe ₂ O ₃	28 - 35	33.06
MgO	5 - 9	6.32
CaO	1 - 3	1.26
TiO ₂	1 - 4	2.80
Others	0 - 3	0.80

Manufactured by :



**TRANSWORLD
GARNET**
INDIA PVT. LTD.

MAKING OUR ENVIRONMENT CLEANER

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