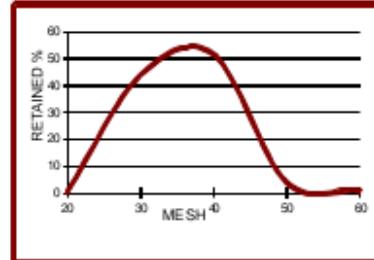


# INDO GARNET

**GRADE : # 20/40**

## SIEVE ANALYSIS

Mesh	Micron	Retained %	
		Spec	Actual
20	850	0 - 5	0.39
30	600	25 - 60	43.59
40	425	30 - 70	51.47
50	300	0 - 25	3.86
60	250	0 - 5	0.63
80	180	0 - 1	0.06



## MINERAL COMPOSITION

Minerals	Specification (%)	Actual (%)
Garnet	Min 99.00	99.66
Ilmenite	Max 00.50	00.07
Others	Max 00.50	00.27

## PHYSICAL CHARACTERISTICS

Minerals	Specification	Actual
Specific Gravity	4.0 - 4.3	4.10
Conductivity	Max 150 $\mu$ s/cm	56.57 $\mu$ s/cm
Chloride	Max 25ppm	7.03 ppm
Hardness	Min 7 Moh's Scale	> 7 Moh's Scale
Bulk Density	2.0 - 2.7 g/cm <sup>3</sup>	2.40 g/cm <sup>3</sup>
Suspended Solids	Max 1500 mg/l	1120 mg/l

## CHEMICAL COMPOSITION

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

Manufactured by :



**TRANSWORLD  
GARNET**  
INDIA PVT. LTD.

MAKING OUR ENVIRONMENT CLEANER

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