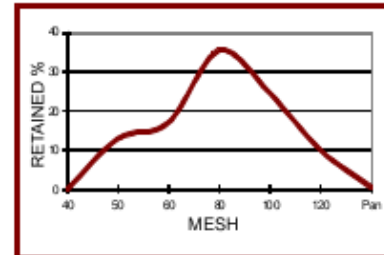


# INDO GARNET

**GRADE : # 80F**

## SIEVE ANALYSIS

Mesh	Micron	Retained %	
		Spec	Actual
40	425	0 - 1	0.00
50	300	7 - 15	12.81
60	250	10 - 20	16.99
80	180	25 - 50	35.26
100	150	20 - 35	24.42
Pan	- 150	0 - 15	10.52



## MINERAL COMPOSITION

Minerals	Specification (%)	Actual (%)
Garnet	Min 95.00	98.89
Ilmenite	Max 03.00	00.56
Others	Max 02.00	00.55

## PHYSICAL CHARACTERISTICS

Minerals	Specification	Actual
Specific Gravity	4.0 - 4.3	4.12
Conductivity	Max 250 $\mu$ s/cm	83.33 $\mu$ s/cm
Chloride	Max 25 ppm	10.52 ppm
Hardness	Min 7 Moh's Scale	> 7 Moh's Scale
Bulk Density	2.0 - 2.7 g/cm <sup>3</sup>	2.42 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	35.11
Al <sub>2</sub> O <sub>3</sub>	18 - 24	20.81
Fe <sub>2</sub> O <sub>3</sub>	28 - 35	33.14
MgO	5 - 9	6.21
CaO	1 - 3	1.32
TiO <sub>2</sub>	1 - 4	2.60
Others	0 - 3	0.81

Manufactured by :



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

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