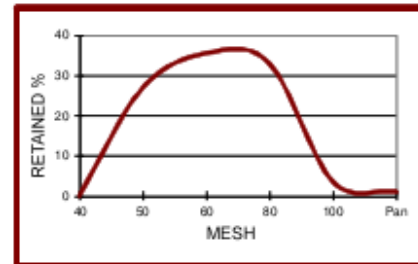


# INDO GARNET

**GRADE : # 80**

## SIEVE ANALYSIS

Mesh	Micron	Retained %	
		Spec	Actual
40	425	0 - 5	0.00
50	300	0 - 35	26.84
60	250	10 - 40	35.48
80	180	20 - 60	33.01
100	150	0 - 20	3.65
Pan	- 150	0 - 10	1.02



## MINERAL COMPOSITION

Minerals	Specification (%)	Actual (%)
Garnet	Min 95.00	98.96
Ilmenite	Max 03.00	00.47
Others	Max 02.00	00.57

## PHYSICAL CHARACTERISTICS

Minerals	Specification	Actual
Specific Gravity	4.0 - 4.3	4.14
Conductivity	Max 250 $\mu$ s/cm	65.27 $\mu$ s/cm
Chloride	Max 25ppm	9.12 ppm
Hardness	Min 7 Moh's Scale	> 7 Moh's Scale
Bulk Density	2.0 - 2.7 g/cm <sup>3</sup>	2.41 g/cm <sup>3</sup>
Suspended Solids	Max 1500 mg/l	1080 mg/l

## CHEMICAL COMPOSITION

Elements	Specification (%)	Actual (%)
SiO <sub>2</sub>	32 - 40	35.26
Al <sub>2</sub> O <sub>3</sub>	18 - 24	21.28
Fe <sub>2</sub> O <sub>3</sub>	28 - 35	33.06
MgO	5 - 9	6.42
CaO	1 - 3	1.28
TiO <sub>2</sub>	1 - 4	2.10
Others	0 - 3	0.60

Manufactured by :



**TRANSWORLD  
GARNET**  
INDIA PVT. LTD.

MAKING OUR ENVIRONMENT CLEANER

Palayamkottai High Road, Kuttudankadu Village,  
Tuticorin - 628 103, Tamil Nadu, India.

Ph : +91 0461 2271519, 2271520

Fax : +91 0461 2271541

Email : sales@transworldgarnet.com

Website : www.transworldgarnet.com

