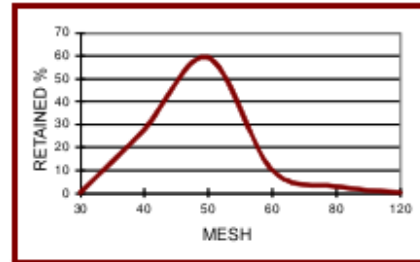


INDO GARNET

GRADE : # 30/60

SIEVE ANALYSIS

Mesh	Micron	Retained %	
		Spec	Actual
30	600	0 - 5	0.10
40	425	5 - 40	30.12
50	300	> 40	58.50
60	250	0 - 40	8.50
80	180	0 - 15	2.60
120	125	0 - 5	0.18



MINERAL COMPOSITION

Minerals	Specification (%)	Actual (%)
Garnet	Min 97.00	99.52
Ilmenite	Max 02.00	00.11
Others	Max 01.00	00.37

PHYSICAL CHARACTERISTICS

Minerals	Specification	Actual
Specific Gravity	4.0 - 4.3	4.1
Conductivity	Max 150 $\mu\text{s}/\text{cm}$	60.41 $\mu\text{s}/\text{cm}$
Chloride	Max 25ppm	8.20 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	1080 mg/l

CHEMICAL COMPOSITION

Elements	Specification (%)	Actual (%)
SiO ₂	32 - 40	35.00
Al ₂ O ₃	18 - 24	21.20
Fe ₂ O ₃	28 - 35	33.64
MgO	5 - 9	6.28
CaO	1- 3	1.32
TiO ₂	1 - 2	1.60
Others	0 - 3	0.96

Manufactured by :



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

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



Year : 2016