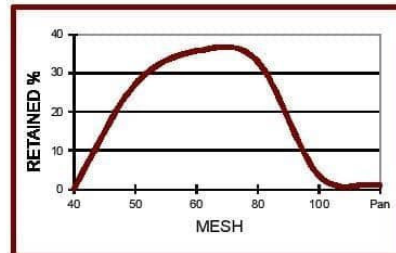


INDO GARNET

GRADE : #80 KJ

SIEVE ANALYSIS

Mesh	Micron	Retained %	
		Spec	Typical
40	425	0 - 5	0.00
50	300	0 - 35	25.74
60	250	10 - 40	34.69
80	180	20 - 60	34.27
100	150	0 - 20	4.16
Pan	- 150	0 - 10	1.14



MINERAL COMPOSITION

Minerals	Specification (%)	Typical (%)
Garnet	Min 95.00	99.04
Ilmenite	Max 03.00	00.40
Others	Max 02.00	00.56

PHYSICAL CHARACTERISTICS

Minerals	Specification	Typical
Specific Gravity	4.0 - 4.3	4.14
Conductivity	Max 250 $\mu\text{s}/\text{cm}$	68.18 $\mu\text{s}/\text{cm}$
Chloride	Max 25ppm	9.40 ppm
Hardness	Min 7 Moh's Scale	> 7 Moh's Scale
Bulk Density	2.0 - 2.7 g/cm^3	2.41 g/cm^3
Suspended Solids	Max 2000 mg/l	1350 mg/l

CHEMICAL COMPOSITION

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

Manufactured by :



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

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Year : 2016