



**AB'S**

# AB'S INDUSTRIES

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## PRODUCT DESCRIPTION

Our website :- [www.absindustries.in](http://www.absindustries.in)

Product Name :- **Garnet Abrasive Sand**

**GRADE / MESH - # 20-40**

### CHEMICAL PROPERTIES

S.NO.	CHEMICAL COMPOSITION	PERCENTAGE
8.	SiO <sub>2</sub>	36-37 %
9.	Fe <sub>2</sub> O <sub>3</sub>	25-30%
10.	Al <sub>2</sub> O <sub>3</sub>	20-24%
11.	TiO <sub>2</sub>	0-2 %
12.	CaO	1-3 %
13.	MgO	5-9 %
14.	OTHER	1-3%

### PHYSICAL PROPERTIES

PARAMETER	SPECIFICATION
Specific Gravity	4.1
conductivity	15-20 mS/m
hardness	7.6 in Moh's scale
Bulk density	2.5 g/cm <sup>3</sup>
moisture	0.16%
Chloride	15-25 ppm
Acid solubility	<1.0 %

### Packaging

- 2 MT Bulk Bag
- 1 MT Bulk Bag
- 25 Kg x40 in 1 MT bag
- Other (packing based on customer request )

### Mineral Composition

MINERALS	PERCENTAGE
Garnet sand ( Almandine )	96-99 %
Ilmenite	0-2 %
Others	0-1 %

### Sieve analysis Report

Mesh	Mm	Retained
20	0.850	1-6 %
25	0.710	10-15 %
30	0.600	15-30 %
40	0.425	30-70 %
PAN		5-10 %



**Garnet Sand**  
**Origin :- India**

This are tested as per ISO-11127-2

Chemical analysis have been determined under – **Wet analysis method.**

Conductivity and moisture by **Standard Meter.**

Chloride content by **Spectro photometer.**



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