



AB'S

AB'S INDUSTRIES

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PRODUCT DESCRIPTION

Our website :- www.absindustries.in

Product Name :- **Garnet Abrasive Sand**

GRADE / MESH - # 80

CHEMICAL PROPERTIES

S.NO.	CHEMICAL COMPOSITION	PERCENTAGE
1.	SiO ₂	36-37 %
2.	Fe ₂ O ₃	25-30%
3.	Al ₂ O ₃	20-24%
4.	TiO ₂	0-2 %
5.	CaO	1-3 %
6.	MgO	5-9 %
7.	OTHER	1-3%

PHYSICAL PROPERTIES

PARAMETER	SPECIFICATION
Specific Gravity	4.1
conductivity	17-20 mS/m
hardness	7.6 in Moh's scale
Bulk density	2.5 g/cm ³
moisture	0.16%
Chloride	15-30 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)	95-99 %
Ilmenite	0-2 %
Others	0-1 %

Sieve analysis Report

Mesh	Mm	Retained
40	0.425	0 %
50	0.300	10-30%
60	0.250	20-45%
80	0.180	30-60%
100	0.149	1-9 %
PAN		0-10 %



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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