



AB'S INDUSTRIES

EMAIL- sales@absindustries.in

Contact No. +91-9950540149

PRODUCT DESCRIPTION

Our website :- www.absindustries.in

Product Name :- **Garnet Abrasive Sand**

GRADE / MESH - # 30-60

<u>CHEMICAL PROPERTIES</u>		
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%

<u>PHYSICAL PROPERTIES</u>	
PARAMETER	SPECIFICATION
Specific Gravity	4.1
Conductivity	15-20 mS/m
Hardness	7.6 in Moh's scale
Bulk density	2.5 g/cm ³
Moisture	0.16%
Chloride	15-20 ppm
Acid solubility	<1.0 %

<u>Packaging</u>
<ul style="list-style-type: none"> ➤ 2 MT Bulk Bag ➤ 1 MT Bulk Bag ➤ 25 Kg x40 in 1 MT bag ➤ Other (packing based on customer request)

<u>Mineral Composition</u>	
MINERALS	PERCENTAGE
Garnet sand (Almandine)	96-99 %
Ilmenite	0-2 %
Others	0-1 %

<u>Sieve analysis Report</u>		
Mesh	mm	Retained
30	0.600	0-1%
40	0.425	15-20%
50	0.300	40-50%
60	0.250	30-35 %
PAN		0-10%



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.

