



# 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 - # 12-24**

<u>CHEMICAL PROPERTIES</u>			<u>PHYSICAL PROPERTIES</u>	
S.NO.	CHEMICAL COMPOSITION	PERCENTAGE	PARAMETER	SPECIFICATION
1.	SiO <sub>2</sub>	36-37 %	Specific Gravity	4.1
2.	Fe <sub>2</sub> O <sub>3</sub>	25-30%	conductivity	7-12 mS/m
3.	Al <sub>2</sub> O <sub>3</sub>	20-24%	hardness	7.6 in Moh's scale
4.	TiO <sub>2</sub>	0-2 %	Bulk density	2.5 g/cm <sup>3</sup>
5.	CaO	1-3 %	moisture	0.16%
6.	MgO	5-9 %	Chloride	15-20 ppm
7.	OTHER	1-3%	Acid solubility	<1.0 %

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

<u>Mineral Composition</u>	
MINERALS	PERCENTAGE
Garnet sand ( Almandine )	97-99 %
Ilmenite	0-2 %
Others	0-1 %

<u>Sieve analysis Report</u>		
Mesh	mm	Retained
12	1.7	0-1 %
16	1.18	10-25 %
18	1.00	15-30 %
20	0.850	30-45 %
25	0.710	10-20 %
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.**

