



JANNAH GARNET



**Environmental Friendly and Economical
Natural Abrasive"**

Garnet Mesh # 30/60

Introduction

Pure Natural Mineral

Chemically Inert & free from any toxic or carcinogenic compounds

Acceptable as an 'abrasive blasting material' -ISO 11126

Environmental friendly

Recyclable

Fast Cleaning

Dust Free

Cost effective

Chemical Analysis

Al ₂ O ₃	: 20.80	21.20%
SiO ₂	37.50	38.90%
FeO	: 28.50	29.20%
Fe ₂ O ₃	: 02.20	02.80%
MnO	: 00.50	00.55%
MgO	07.50	07.60%
CaO	01.30	01.80%
TiO ₂	: 00.50	01.20%
P ₂ O ₅	00.07-	00.08.%
ZrO ₂	: Traces	
HCl Soluble	: 00.50%	



Office Address :

3603-68 ,Plot no 37,Level 36,Building
Name - BURJ AL SALAM, Trade Center First ,
Sheikh Zayed Road, Dubai UAE

Warehouse Address :

Blue Shed WH No : RA08WF06 | GATE NO 7
Jebel Ali Free Zone | Po Box 65341 | Dubai, UAE

Mobile No. : +971 50 476 7467

Email Id : purchase@jannahgarnet.com

Website : www.jannahgarnet.com

Mineralogical Analysis

ALMANDITE GARNET

GARNET ILMENITE : 98%

NON-MAGNETIC : 1.0- 2.0%

Physical Analysis

Colour : Pinkish brown

Structure : Crystal

Hardness : 7.50 – 8.0 Moh's

Specific Gravity : 4.10

Melting Point : 1250 C

Moisture Cont. : 0.04%

Blast Grade Product range

(a) 30/60 Mesh

Generics : Natural Mineral,used to produce an anchor pattern of 40-70 microns at nozzle pressure of 100 PSI

(b) 25-40 Mesh

Generics: Natural Mineral,used to produce an anchor pattern of 75-125 microns at nozzle pressure of 100 PSI

Typical results

Profile (microns)

30/60Mesh

40-70 Microns

25/40Mesh

75-125 microns

Consumption

(kg/Sq.Mir.)

10-14

12-15

Cleaning rate

(Sq.Mtr/hour)

14-20

13-18