

Garnet 120

PHYSICAL PROPERTIES

1/ Bulk density	2.34
2/ Specific Gravity	4.10
3/ Hardness Moh's	7.5 - 8
4/ Melting point	1250 Celcius
5/ Conductivity	<15m.S/m
6/ Chloride	<20ppm
7/ PH	7
8/ Grain Shape	Sharp angular

CHEMICAL COMPOSITION

SiO ₂	31.00% no free silica
Al ₂ O ₃	21.60%
FeO	37.00%
MgO	7.40%
TiO ₂	0.55%
MnO	0.53%
CaO	1.84%
Cr ₂ O ₃	0.05%
P ₂ O	0.03%

MINERAL COMPOSITION

Almandite Garnet	96 - 99%
Ilmenite	<2%
Quartz	<1%
Othe	<1%

WRAPPING

A - 25 kg bags packed in big bags

B - Big bags with plastic inner liner

WATER CUTTING PARAMETERS

Focusing tube 0.5 & 0,76
mm

Orifice size 0,25 mm

POWER Garnet consumption >150 gram / min.

Can also be used for general cutting with 1mm

focusing tube

SIEVE ANALYSIS

MESH	MM	RETAINED %	PASSING %
80	0.177	00.00	100.00
100	0.149	66.00	34.00
120	0.125	30.00	04.00
-120		04.00	00.00
Total		100.0	

THE DATA ABOVE CONTAINS GENERAL INFORMATION
AND DESCRIBES TYPICAL PROPERTIES ONLY.