

POWERGarnet 1 (60 mesh)

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	97 - 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 1,02 mm

Orifice size 0,30 mm

POWERGarnet consumption >350 gram / min.

Designed for maximum cutting speed with 1,02 mm focusing tube
in thicker steel plates.

SIEVE ANALYSIS

MESH	MM	RETAINED %	PASSING %
30	0.595	00.10	99.90
40	0.420	33.70	66.20
50	0.297	56.30	09.90
60	0.250	09.80	00.10
- 60		00.10	00.00
Total		100.0	

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