

# Product Data Sheet

## GMA Garnet 10/20 Mesh

**REXPO**  
CUTTING & BLASTING SOLUTIONS



### Average Chemical Composition (Typical)

SiO <sub>2</sub> *	36 %
Al <sub>2</sub> O <sub>3</sub>	21.14 %
FeO	37 %
MnO	0.5 %
MgO	1.74 %
CaO	2.04 %
TiO <sub>2</sub>	1.5 %

*\*Refers to SiO<sub>2</sub> bound within the lattice of the homogeneous garnet crystal (not free silica)*

### Product Range (typical weight % retained)

Mesh	MM	Retained %
8	2.38	7.41
10	2.00	26.32
12	1.680	30.52
16	1.190	32.44
20	0.841	3.13
25	0.707	0.1
70	0.212	
80	0.180	
100	0.15	
PAN	PAN	

### Physical Characteristics (Typical)

Bulk Density	2.30-2.70 g/cm <sup>3</sup>
Specific Gravity	3.9-4.30
Hardness (moh)	7.5-8
Color	Reddish Purple
Shape of Natural Grains	Angular and semi angular

### Other Characteristics (Typical)

Radioactivity	Non detectable above background
Moisture Absorption	Non-hygroscopic, Inert
Total Chlorides	10-15 ppm
Conductivity	39.4 μS/cm

### Packaging

- 25 kg paper bags inside 1 MT Big Bag on one-way-pallet
- 1MT big bags on one-way pallet

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