

Product Data Sheet

GMA ClassicCut™ 120



Average Chemical Composition (Typical)		
SiO ₂*	.....	35%
Al ₂ O ₃	.....	20%
Fe ₂ O ₃	.....	35%
MgO	.....	6%
CaO	.....	2%
TiO ₂	.....	4%
MnO	.....	1%

*Refers to SiO₂ bound within the lattice of the homogeneous garnet crystal (not free silica)

Mineral Composition (Typical)		
Garnet (predominately Almandine)	.....	> 96%
Ilmenite	.....	< 3%
Quartz (free silica)	.....	< 0.1%
Others	.....	< 1%

Product Range (typical weight % retained)			
Mesh	Microns	Cumulative	Discrete
60	250	0.1	0.1
70	212	21	21
80	180	74	53
100	150	95	21
120	125	98	3
140	106	100	2
PAN	PAN	100	0

Physical Characteristics (Typical)	
Bulk Density	2.3 T/m ³
Specific Gravity	4.1
Hardness (Mohs)	7.5 – 8.0
Melting Point	1250°C / 2250°F
Shape of Natural Grains	Sub-Angular

Other Characteristics (Typical)	
Radioactivity	Non-detectable above background
Moisture Absorption	Non-hygroscopic, Inert
Total Chlorides	10-20 ppm
Conductivity	100 – 150 µS/cm (10 – 15 mS/m)

Packaging

- 25kg bags shrink wrapped onto a 1 metric ton or 2 metric ton pallet
- Loose bulk form in 1 metric ton or 2 metric ton bulk bag with an inner plastic liner on a pallet.

Source

- Made in Australia
- Product Code: GMA-AUS 120