

GMA ClassicCut™ 80 Mesh

The World's Most Popular Waterjet Abrasive



Description	Industry Applications
The trusted, most versatile waterjet abrasive choice for precise waterjet cutting. Delivers the optimum balance of cutting speed and precision edging.	Stone Cutting, Glass cutting, Ceramics, Medical devices, Aerospace, Automotive, Defence, Metal fabrication

Product Performance (Typical)	
Focusing Tube	0.762 - 1.02 mm
Orifice	0.254 - 0.356 mm

Average Chemical Composition (Typical)	
SiO ₂	36%
Al ₂ O ₃	20%
Fe ₂ O ₃	35%
MgO	6%
CaO	2%
TiO ₂	3%
MnO	1%

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

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-detactable above background
Moisture Absorption	Non-hygrosopic, Inert

Packaging

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

Source

- Product of Australia
- Product Code: GMA-AUS CC-80