

# Certificate of Conformance

GMA Mining Australia



**PRODUCT:** Typical GMA Mining Australia 80#

## THIS IS TO CERTIFY:

GMA Mining Australia has been assessed and is currently certified as meeting the requirements of ISO 9001:2015 (Quality Management Systems), ISO 14001:2015 (Environmental Management Systems) and AS/NZS 4801:2001 (Health & Safety Systems).

GMA Mining Australia products are compliant with (ISO 11126-10) Preparation of steel substrates before application of paints and related products – Specifications for non-metallic blast – cleaning abrasives Part 10: Almandite Garnet

Within designation of abrasive ISO 11126 N/GA/G 0.18 – 0.6

GMA Mining Australia products are compliant with ISO 11127 Part 1 to Part 7

GMA Mining Australia products have official US Navy approval as meeting the requirements of US Navy Specification MIL-A-22262B (SH)

## TYPICAL CHEMICAL COMPOSITION

Free Silica	<0.1%
SiO <sub>2</sub>	36.1%
Al <sub>2</sub> O <sub>3</sub>	20.5%
FeO	29.5%
Fe <sub>2</sub> O <sub>3</sub>	2.3%
TiO <sub>2</sub>	2.3%
MnO	0.96%
CaO	1.79%
MgO	5.7%
Pb	<20ppm
Water Soluble Sulphate (SO <sub>4</sub> )	<10ppm
Free Calcium Carbonate (CaCO <sub>3</sub> )	<1.00%

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GMA Garnet™



## TYPICAL MINERAL COMPOSITION

<b>Garnet (Almandine)</b>	97 – 98%
<b>Ilmenite</b>	<3.5%
<b>Zircon</b>	0.20%
<b>Quartz (Free Silica)</b>	<0.1%
<b>Others</b>	0.25%

## TYPICAL RESULTS

<b>Chloride (ISO Standard 11127-7)</b>	Chloride Limit = 25ppm GMA Mining Australia products are tested in accordance with ISO 11127-7 with a chloride content of less than 25 parts per million and an average of 15 parts per million.
<b>Conductivity (ISO Standard 11127-6)</b>	Conductivity Limit = 25 mS/m @ 20°C GMA Mining Australia products are tested in accordance with ISO 11127-6 with a conductivity content of less than 25 millisiemens per meter and an average of 12 millisiemens per meter

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