



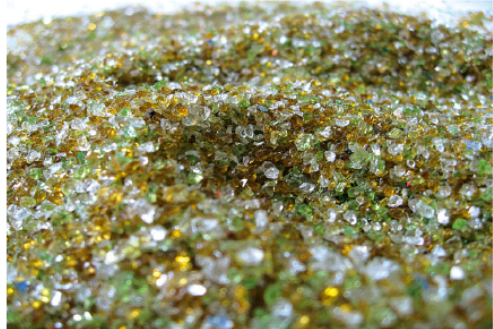
## PAN MARINE BLASTING ABRASIVES PTE LTD

Co Reg No 198102190D

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### PRODUCT DATA SHEET – GRADED GLASS

Graded glass abrasive is created by crushing, cleaning and grading recycled glass bottles to produce high quality abrasive media. It can be used as a wet or dry blast abrasive to prepare or clean a surface prior to coating. Being processed from 100% recycled bottles, plates and glass, graded glass is a non-toxic material, containing no free silica or heavy metals. As a result, its disposal cost are usually lower because spent or used glass is not automatically by itself considered to be a 'special waste'.



It is particularly favoured for use in environmentally sensitive locations. The glass manufacturing process fixes the free crystalline silica responsible for silicosis. As a result, any dust generated when using graded glass abrasive is virtually free of crystalline silica and is classified merely as a 'nuisance dust'.

<b>APPEARANCE</b>	:	Crushed glass – colourless, blue, mixed amber, mixed green. Inorganic solid, ground and graded glass.
<b>FLASH POINT</b>	:	Non-flammable
<b>SPECIFIC GRAVITY</b>	:	Approx. 2.5 g/cm <sup>3</sup>
<b>SOLUBILITY IN WATER</b>	:	Insoluble
<b>BULK DENSITY</b>	:	Approx. 1.3 tonnes/m <sup>3</sup> (un-compacted)
<b>HARDNESS (Mohs)</b>	:	6
<b>MELTING POINT</b>	:	>800 C

#### CHEMICAL COMPOSITION

Na <sup>2</sup> O + K <sup>2</sup> O + Li <sup>2</sup> O	:	12 – 15%
CaO + MgO	:	10 – 13%
Al <sup>2</sup> O <sup>3</sup>	:	1 – 2%
Other Oxides (except SiO <sub>2</sub> )	:	0 – 1%
SiO <sub>2</sub> (bound)	:	Balance

*Note: The above Chemical Composition readings serve as a guideline only.*

#### STANDARD SIZES AVAILABLE:

Grade Size	Nominal Size
GG1575	0.75 – 1.50 MM, +/-8%
GG830	0.80 – 3.00 MM, +/-8%

#### About us

Pan Marine Blasting Abrasives Pte Ltd has been a leading provider of abrasive grits in the surface preparation industry since its establishment in 1968. As a pioneer and leader in the industry, we offer a diverse range of abrasive grits to suit the needs of every customer. The team at Pan Marine has acquired a reputation for being the most dependable and trustworthy in the business, and continue to be fully committed in bringing the best to you.