



Abrasives, Electro Minerals & Metals

TECHNICAL DATA

Brand Name: **Beadomac** Mac'Ants Group Ref: **GB**

Product: Commercial Glass Bead

Description: A high grade soda lime glass bead.

Application: A range of prime commercial soda lime glass beads, noted for their spherical characteristic and consistent size distribution. Manufactured to BS6088 offering a broad range of standard industrial sizes. The use of glass beads in surface finishing applications imparts a peening / polished finish to metal components and is also utilised for it's reflective ability in road marking and as a flow agent and functional filler in polymer manufacture among a myriad of other applications.

Chemical Composition:

Compound	Chemical Formula	Typical Content %
Silicon Dioxide	SiO ₂	73
Sodium Oxide	Na ₂ O	15
Calcium Oxide	CaO	7
Magnesium Oxide	MgO	4
Aluminium Oxide	Al ₂ O ₃	1

Physical Parameters:

Bulk Density	1.5 g /cc
Shape	Sphercial
Colour	Clear – White
Specific Gravity	2.55 g/cc
Hardness	5 moh

Gradation:

Industry accepted fractions; 800/600, 600/400, 400/250, 300/175, 250/150, 200/100, 150/75, 100/50, 88/44, 44/0 micron

Packaging:

Typically 25 kg multi ply paper sacks, but 1000kg big bags are available and custom label on application

Compliance:

It has been determined that Glass Beads are exempt from registration under REACH regulation, for full details please refer to our REACH registration pages on our website www.macants.co.uk or www.macants.com

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