

CDS CONSULTANTS
Corrosion Control Equipment & Abrasives

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TECHNICAL DATA SHEET		
1. PRODUCT NAME	CDS Reference	
<i>Beadomac</i>	GB	
2. MAIN INTENDED USE		
A superior quality soda lime glass bead for applications requiring a high polish or minimum surface alteration. Used in aviation industry, the polishing of stainless steel, bronze etc. popular for the refurbishment of automotive and engineering components.		
3. CHEMICAL ANALYSIS		
This media contains no free silica.		
<u>Compound/Element</u>	<u>Chemical Formula</u>	<u>Typical Content</u>
Silicon Dioxide	SiO ₂	73%
Sodium Oxide	Na ₂ O	15%
calcium Oxide	CaO	07%
Magnesium Oxide	MgO	04%
Aluminium Oxide	Al ₂ O ₃	01%
4. PHYSICAL PROPERTIES	a. Bulk Density Untamped b. Shape c. Colour d. Specific Gravity e. Hardness	1.5 g/cm ³ Spherical Colourless 2.55 g/cm ³ 5.0 Mohs
5. SIZE RANGE AVAILABLE		
Blended sizes in microns: 840/590, 590/420, 420/250, 297/177, 250/149, 210/105, 149/74, 105/53, 88/44 and 44/0. Glass Beads are 80% within specified size ranges, with 70% spherical characteristic and broken or angular particles under 3%.		
6 PACKAGING		
I. Packed in 25 kg plastic lined paper bags with desiccation packs. II. This media in particular the finer grades is extremely hygroscopic (draws moisture). Bags should be stored in a cool dry environment, when opened the effect of moisture ingress must be borne in mind, where possible reseal the bag or store in an air tight container. For blasting applications it is critical a clean dry air supply is used.		