



**UNITED ABRASIVES**  
Applied Blasting Technology

# TECHNICAL SPECIFICATION

## Medium Glass

<b>PRODUCT NAME:</b>	Glass Shotblast Media
<b>GRADES:</b>	Medium (0.5mm – 1.25mm)
<b>COLOUR:</b>	Mixed Colour
<b>PRODUCT DESCRIPTION:</b>	Dried, Clean, Sodium Silica Recycled Glass Cullet - < 0.2% Moisture
<b>PARTICLE SHAPE:</b>	Sub-angular, Granular
<b>SUPPLIER:</b>	United Abrasives Limited Unit 90, Gibbons Industrial Park High Street Kingswinford DY6 8XF  Tel: 01384 598558
<b>CONTACT:</b>	Alastair Beddow

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<b>Sieve Size Microns:</b>	<b>Average Percentage Passing %</b>
1400	100%
1180	93.95%
1000	80.7%
710	56.6%
500	28.5%
425	10.96%
355	3.42%
180	1.68%

<b>Typical Analysis</b>	
<b>Uniformity Coefficient</b>	1.41
<b>Specific Gravity</b>	2.52
<b>Packed Bulk Density</b>	1.52 kg/l
<b>Bulk Modulus</b>	43 GPA

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### Chemical Composition

*Silica Oxide (SiO<sub>2</sub>) 72.20%, Sodium Oxide (Na<sub>2</sub>O) 13.30%, Calcium Oxide (CaO) 10.90%, Aluminium Oxide (Al<sub>2</sub>O<sub>3</sub>) 1.50%, Magnesium Oxide (MgO) 0.45%, Potassium Oxide (K<sub>2</sub>O) 1.65%, Sulphur Trioxide (SO<sub>3</sub>) 0.16%, Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) 0.07%, Titanium Dioxide (TiO<sub>2</sub>) 0.06%, Barium Oxide (BaO) 0.04%, Chromium Oxide (Cr<sub>2</sub>O<sub>3</sub>) 0.02%.*



#### Contact us for advice

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