

## GLASS BALLS - GRINDING MEDIA

Chemical Composition		
<b>Soda Lime Glass Balls</b>	SiO <sub>2</sub>	72.50 %
	Na <sub>2</sub> O	13.00 %
	CaO	9.06 %
	MgO	4.22 %
	Al <sub>2</sub> O <sub>3</sub>	0.58 %
	others	
<b>Aluminium Borosilicate Balls</b>	SiO <sub>2</sub>	53.50 %
	CaO	20.10%
	Al <sub>2</sub> O <sub>3</sub>	14.80 %
	B <sub>2</sub> O <sub>3</sub>	8.11 %
	MgO	2.33 %
	others	
<b>Soda Lime</b>	SiO <sub>2</sub>	66.70 %
	Na <sub>2</sub> O	14.00 %
	CaO	7.59 %
	Al <sub>2</sub> O <sub>3</sub>	3.46 %
	B <sub>2</sub> O <sub>3</sub>	2.90 %
	others	

Figures are reference values.

### Available Standard Sizes

Size Range (mm)	Bulk Density (kg/l)	Pieces/1000 gr	Size Range (mm)	Bulk Density (kg/l)	Pieces/1000 gr
0.25-0.50	1.46	14486600	1.70-2.10	1.52	111370
0.40-0.60	1.47	6111500	2.00-2.40	1.53	71740
0.50-0.75	1.49	3129100	2.40-2.90	1.53	41050
0.75-1.00	1.50	1140300	2.85-3.45	1.53	24440
1.00-1.30	1.51	502300	3.40-4.00	1.53	15080
1.25-1.65	1.51	250580	3.80-4.40	1.53	11080
1.55-1.85	1.52	155490			

0-400µm microbeads available in different tolerances

### Available Standard Sizes

Size Range (mm)	Bulk Density (kg/l)	Pieces/1000 gr	Size Range (mm)	Bulk Density (kg/l)	Pieces/1000 gr
0.50-0.75	1.55	3020370	2.00-2.50	1.53	64730
0.75-1.00	1.54	1100710	2.50-3.00	1.53	35450
1.00-1.40	1.53	426730	2.80-3.40	1.52	24750
1.30-1.70	1.53	218480	3.30-3.90	1.51	15800
1.70-2.10	1.53	107500	3.90-4.40	1.50	10310

### Available Standard Sizes

Size Range (mm)	Bulk Density (kg/l)	Pieces/1000 gr	Size Range (mm)	Bulk Density (kg/l)	Pieces/1000 gr
1.5 mm+/-0.2 mm	1.50	226350	4.5 mm+/-0.3 mm	1.50	8380
2.0 mm+/-0.2 mm	1.50	95490	5.0 mm+/-0.3 mm	1.50	6110
2.5 mm+/-0.2 mm	1.50	48890	6.0 mm+/-0.3 mm	1.48	2220
3.0 mm+/-0.3 mm	1.50	28290	7.0 mm+/-0.3 mm	1.48	1490
3.5 mm+/-0.3 mm	1.50	17810	8.0 mm+/-0.4 mm	1.48	1040
4.0 mm+/-0.3 mm	1.50	11930	9.0 mm+/-0.4 mm	1.45	

Special sizes are available upon request. Figures of Bulk Density are reference Values.