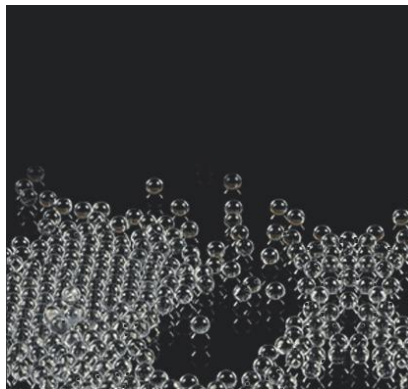




► Glass beads



Chemical composition in %

SiO <sub>2</sub>	61-67 %	CaO	5-10 %	NaO	10-18 %
Al <sub>2</sub> O <sub>3</sub>	3-8 %	MgO	0.5-3 %	B <sub>2</sub> O <sub>3</sub>	1-5 %

Leadfree glass composition

Code	Diameter	N*	In 1kg	S. de contacto	Beads in 1L
PBF001	2 ± 0,2 mm	900	95.493	11.994	1.550
PBF002	3 ± 0,2 mm	1600	28.294	7.995	1.570
PBF003	4 ± 0,3 mm	2300	11.937	5.997	1.565
PBF004	5 ± 0,3 mm	2600	6.112	4.798	1.555
PBF005	6 ± 0,3 mm	3600	3.537	3.998	1.540
PBF006	7 ± 0,3 mm	3800	2.227	3.426	1.520
PBF007	8 ± 0,4 mm	5200	1492	2.999	1.505

\* N, crushing strenght

Physical and chemical characteristics

Specific weight	2.500±40 kg/m <sup>3</sup>
Coefficient of thermal extension	(9,2±0,4).10 <sup>-6</sup> K <sup>-1</sup>
Littleton softening point	TL=670±10 °C
Bulk weight	1.485 kg/m <sup>3</sup>
Hardness Mohs	6
Microhardness Vickers and Rockwell	970-1018kp/cm <sup>2</sup>
Elasticity module	7,75 Mpa
Young module of elasticity E	78-85 Gpa
Hydrolytic class	HGB 3
Acidic class according to DIN 12116	III
Alkaline class according to CSN ISO 695	A-1 CLASS