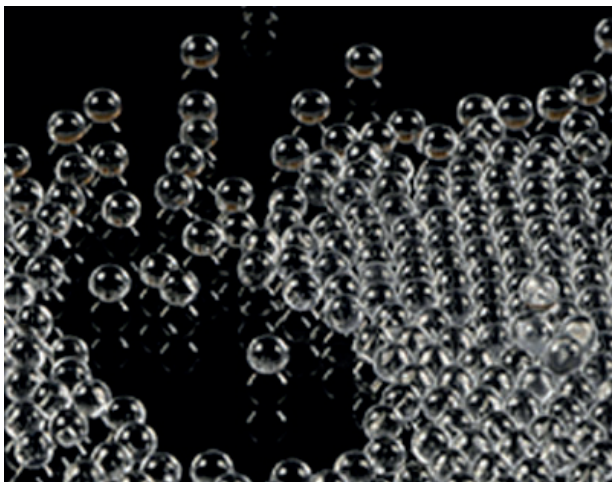




Crystal Balls, ENDO GLASSWARE

Code PBF001, PBF002, PBF003, PBF004, PBF005, PBF006, PBF007, PBF009, PBF010, PBF011, PBF012, PBF013, PBF014, PBF015, PBF017, PBF019, PBF020, PBF021, PBF022, PBF023, PBF024, PBF025, PBF026, PBF027

- Lead-free glass composition
- Heat and chemically treated to ensure a high degree of polish and extreme resistance to impact and wear.
- For boiling control, among other uses.



Chemical composition (%)

SiO ₂	61-67	CaO	5-10	Na ₂ O	10-18
Al ₂ O ₃	3-8	MgO	0.5-3	B ₂ O ₃	1-5

Physical and Chemical Characteristic

Specific weight (kg/m ³)	2.500±40
Coefficient of thermal extension	(9.2±0.4) ·10 ⁻⁶ K ⁻¹
Littleton softening point (°C)	TL=670±10
Bulk weight (kg/m ³)	1485
Hardness Mohs	6
Hardness (kp/cm ²)	970-1018
Elasticity module (Mpa)	7.75
Young module of elasticity E (Gpa)	78-85
Hydrolytic class	HGB 3
Acidic class according to DIN 12116	III
Alkaline class according to CSN ISO 695	A-1

Code	Ø (mm)	N*	Bag weight (kg)
PBF023	1±0.2	600	1
PBF001	2±0.2	900	1
PBF002	3±0.2	1600	1
PBF003	4±0.3	2300	1
PBF004	5±0.3	2600	1
PBF005	6±0.3	3600	1
PBF006	7±0.3	3800	1
PBF007	8±0.4	5200	1
PBF024	10±0.5	6200	1
PBF009	2±0.2	900	0.5
PBF026	2.5±0.2	1100	0.5
PBF010	3±0.2	1600	0.5
PBF011	4±0.3	2300	0.5
PBF012	5±0.3	2600	0.5
PBF013	6±0.3	3600	0.5
PBF021	7±0.3	3800	0.5
PBF014	8±0.4	5200	0.5
PBF025	2.5±0.2	1100	20
PBF017	3±0.2	1600	20
PBF019	5±0.3	2600	20
PBF020	6±0.3	3600	20
PBF027	7±0.3	3800	20
PBF022	8±0.4	5200	20
PBF015	10±0.5	6200	20

*Compressive strength