

Glass designation :

Ba 750

Code

80732

Color :

White

Glass type :

Barium glass

Application :

Near vision segments for fused multifocal lenses

To produce fused multifocal lenses, Corning S.A.S. provides segments of specific barium glasses with adjusted properties for refractive index and seal stress.

REFRACTIVE INDEX

Line		λ (nm)	Value
F'	Cadmium	480.0	1.76838
F	Hydrogen	486.1	1.76694
e	Mercury	546.1	1.75564
d	Helium	587.6	1.75000
C'	Cadmium	643.8	1.74412
C	Hydrogen	656.3	1.74305
Abbe Number		ve	31.1
		vd	31.4

TRANSMISSION PROPERTIES (2 mm)

VISIBLE	380 - 780 nm
Luminous transmission factor	85.5%
Transmission category	
ISO 8980-3	0
Tint	NO

PHYSICAL PROPERTIES

Density :	4.25	g/cm ³
Linear Exp. Coef. :	89	10 ⁻⁷ /°C
Viscosity :	Soft. Pt	660 °C
	Ann. Pt	535 °C
	Strain Pt	505 °C