

GLASS PROPERTIES

Unless otherwise specified, all glassware in this catalog meets ASTM specification E438, type I, class A, and is made from Pyrex® Brand glass #7740, or Kimax® Brand glass KG33 or equivalent. Both brands are borosilicate glass, with the following physical properties:

Physical Property	Pyrex®	Kimax®
Annealing Point, °C	560	565
Strain Point, °C	510	513
Softening Point, °C	821	827
Density, gm/cm	2.23	2.22
Specific Heat, cal./g/ °C	0.20	0.205
Thermal Conductivity, cal./sec.cm°C	0.0027	0.0028
Refractive Index	1.474	1.470
Elasticity Coefficient, Kg/mm	6900	unpublished
Linear Coefficient of Expansion 0°-300°C	33x10-7/°C	32x10-7/°C