



Mo-Sci Specialty Products, L.L.C.

A Subsidiary of MO-SCI Corporation

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GL1745 DATA SHEET

Appearance

Compliant (viscous) sealing glass white colored in powder form

Chemical Composition - Weight Percent (wt %)

Barium oxide (BaO).....	31.78 - 35.78
Zinc Oxide (ZnO).....	6.97 - 11.97
Alumina (Al ₂ O ₃).....	9.23 - 13.23
Boron oxide (B ₂ O ₃).....	42.02 - 50.02

Physical Properties

Density.....	3.2 g/cm ³
T _g	550 ±10°C
T _d	577 ±10°C
CTE _{50-500°C}	7.0 x10 ⁻⁶ /°C

Recommended Firing Conditions

Ramp to between 700°C and 750°C and hold for 2 to 4 hours

Heating/cooling rate: 3 to 10°C/minute

Applications

To seal ceramics and metals