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Physical Properties

Coefficient of Thermal Expansion (fired pellet)	6.0 ± 1.5 x 10 ⁻⁶ /°C (25-300 °C)
Specific Gravity	6.4 (g/cm ³)
Dielectric Constant (1kHz, RT) (fired pellet)	10.1
Loss Tangent (1kHz, RT) (fired pellet)	<0.0004

Hot Stage Microscopy Characteristic Temperatures:

Deformation Temperature	529 ± 10 °C
Sphere Temperature	616 ± 10 °C
Hemisphere Temperature	684 ± 10 °C

Notes

Equivalent to Viox V3242K12.

Recommended Firing Conditions

Ramp to 620-680°C and hold for >20 min.
Heating or cooling rate: 3 to 10 °C/min

Applications

Operational Temperature: up to 500 °C

The typical application of GL1991 sealing glass is to coat metal oxide varistors (MOVs).

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