

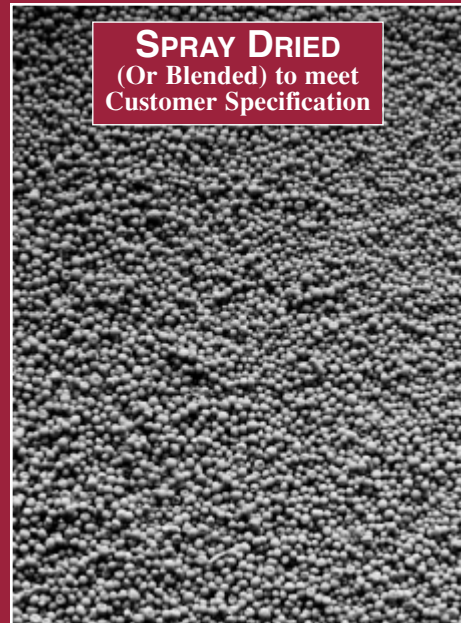
IN-3 GLASS



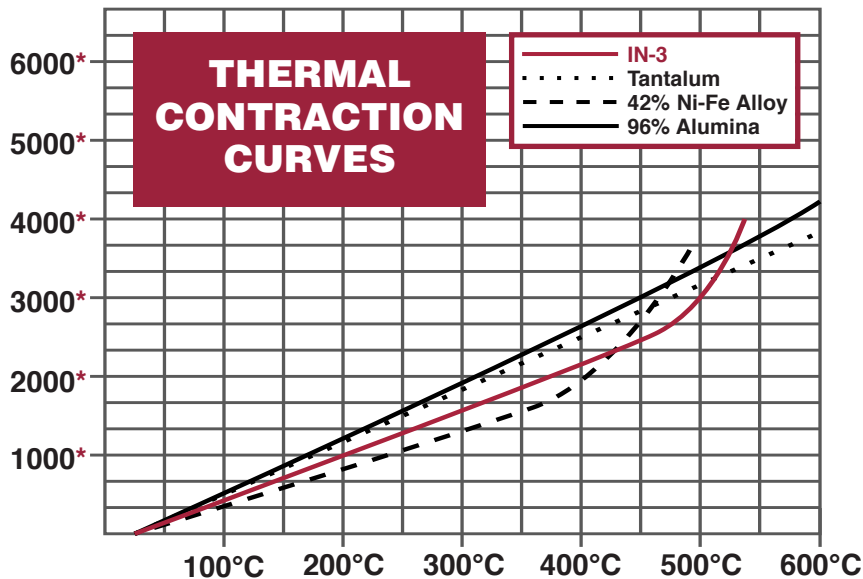
FLAKE
Ready to Grind



POWDER
Ground and Screened



SPRAY DRIED
(Or Blended) to meet
Customer Specification



Working Point (log viscosity=4).....	1055°C
Softening Point (ASTM-C-338).....	710°C
Annealing Point (ASTM-C-336).....	521°C
Strain Point (ASTM-C-336).....	479°C
Coefficient of Thermal Expansion (0-300°C).....	$56 \times 10^{-7}/^{\circ}\text{C}$
Coefficient of Thermal Contraction (Annealing Point to 25°C).....	$71 \times 10^{-7}/^{\circ}\text{C}$
Density-annealed.....	2.32 gm/cc
Volume Resistivity (ohm-cm)	
Log ρ at 350°C.....	5.7
Log ρ at 250°C.....	7.1
Dielectric Constant at 1 MHz and 25°C.....	6.7
Dielectric Loss Factor at 1 MHz and 25°C.....	4.0%

Electro-Glass Products produces IN-3 Glass to the Kimble Glass Company standards. This borosilicate glass is a medium expansion material, developed to seal to 96% alumina ceramic, tantalum, and 42% nickel iron alloy (ASTM F30). It is available in flake; ground and screened; spray dried or blended. For more information, please contact our Sales Department.

* ELONGATION $\left[\frac{\Delta L}{L} \times 10^{-6} \right]$



Electro-Glass Products

"Quality from people who care."

United States of America

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