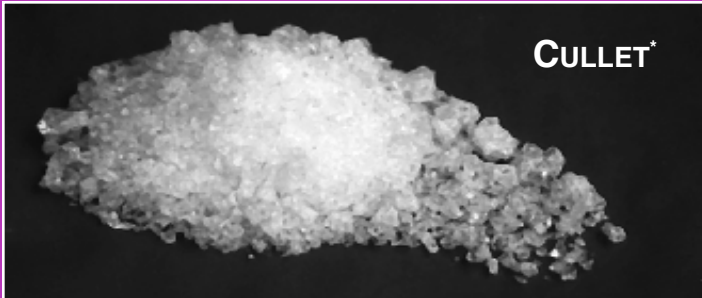
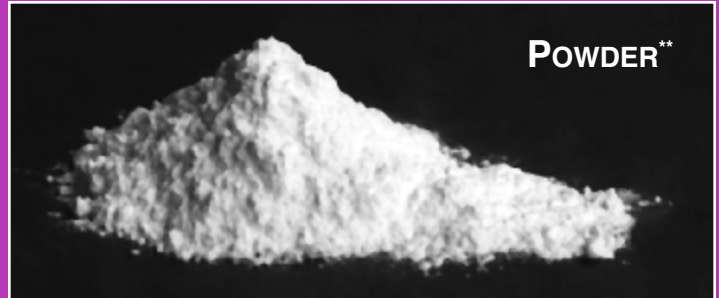


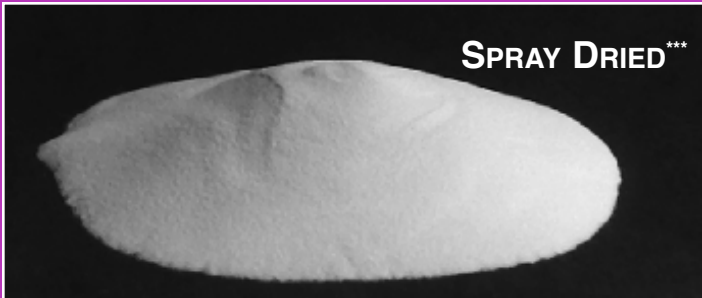
EN-1 GLASS



CULLET*



POWDER**



SPRAY DRIED***



BILLET****

OXIDE	WEIGHT %
SiO ₂	65
B ₂ O ₃	18
Al ₂ O ₃	8
BaO	3
Na ₂ O	2
K ₂ O	3
Li ₂ O	0.6
F ⁻	0.6

Working Point (log viscosity=4).....	1115°C
Softening Point (ASTM-C-338).....	716°C
Annealing Point (ASTM-C-336).....	482°C
Strain Point (ASTM-C-336).....	437°C
Coefficient of Thermal Expansion (0-300°C).....	47 x 10 ⁻⁷ /°C
Coefficient of Thermal Contraction (Annealing Point to 25°C).....	64 x 10 ⁻⁷ /°C
Density-annealed.....	2.27 gm/cc
Volume Resistivity (ohm-cm) Log ρ at 350°C.....	7.2
Log ρ at 250°C.....	9.0
Dielectric Constant at 1 MHz and 25°C.....	5.1
Dielectric Loss Factor at 1 MHz and 25°C.....	1.3%

Electro-Glass Products produces EN-1 to the Kimble Glass Company standards. This material is melted in-house to meet the ASTM F105-72 standard for Type 58 Borosilicate Sealing Glass. EN-1 is available in the form of cullet, ground and screened, granulation for pressing, tubing and preforms.

- * Ready to Grind
- ** Ground and Screened
- *** (Or Blended) to meet Customer Specification
- **** For Redrawing. Made to order only – not a stock item.



Electro-Glass Products

"Quality from people who care."

United States of America

Phone: (724) 423-5000 FAX: (724) 423-7955
 P.O. Box 157, Mammoth, PA 15664 USA www.electro-glassprod.com E-mail: egp@electro-glassprod.com