

CTM POTTERS SUPPLIES

SPEC SHEET

LEAD BISILICATE FRIT

Product Description: -	A transparent glossy, powdered frit
Specific Gravity: -	4.2 grams / cm ³
Thermal Expansion: -	0.31% @ 20-500 deg c \pm 0.01% (measured on orton dilatometer)
Softening Point (Ts): -	approx 575 deg c
Transition Temp (Tg): -	approx 515 deg c
Fusion & Flow Characteristics:	All these characteristics are within tolerances of a commercially acceptable product when compared to the retained standard, under standard conditions.

TYPICAL OXIDE COMPOSITION

<u>PbO</u>	}	<u>% Wt.</u>		}	<u>% Wt.</u>
<u>SiO₂</u>	}	High	<u>Al₂O₃</u>	}	Low
High > 30%		Medium 10-30%			Low <10%