

CTM POTTERS SUPPLIES

SPEC SHEET

GLAZES

G1 – Leadless Transparent Gloss

Type of product: Glossy transparent glaze
Main uses: Earthenware

Technical Characteristics

Theoretical Chemical Composition:

Ceramic glaze bonded as a silicate, with the following oxides in composition:

High Level (above 8%): SiO₂-Al₂O₃-B₂O₃
Medium Level (2-8%): Na₂O-CaO-BaO
Low Level (below 2%): MgO-ZrO₂

Physical Characteristics:

Aggregation: powder
Fineness: 0,5-2,5% on 325#

Thermal Characteristics:

Cubic Thermal Expansion (20-400C): 168 *10E-7/C
Expansion percentage at 573C: 0,33%
Transformation Temperature: 630 C
Softening Temperature: 690 C
Firing Temperature: 1020-1050 C

Only for professional use. Avoid exposition. Safety data sheet sent by request.