

CTM POTTERS SUPPLIES

SPEC SHEET

GLAZES

G5 – Leadless Transparent Matt

Type of product: Matt opaque 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-CaO
Medium Level (2-8%): B₂O₃-Na₂O-K₂O-ZrO₂-ZnO
Low Level (below 2%): BaO

Physical Characteristics:

Aggregation: powder
Fineness: 1.0-6.0% on 400#

Thermal Characteristics:

Cubic Thermal Expansion (20-400C): 190 *10E-7/C
Expansion percentage at 573C: 0,38%
Transformation Temperature: 625C
Softening Temperature: 750C
Firing Temperature: 1000-1040C

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