

# CTM POTTERS SUPPLIES

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## SPEC SHEET

### GLAZES

#### G3 – Leadless Transparent Gloss

Type of product: Glossy transparent glaze  
Main uses: Porcelain, stoneware

#### Technical Characteristics

##### Theoretical Chemical Composition:

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

High Level (above 8%): SiO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub>-CaO  
Medium Level (2-8%): K<sub>2</sub>O-ZnO-ZrO<sub>2</sub>  
Low Level (below 2%): Na<sub>2</sub>O-MgO

##### Physical Characteristics:

Aggregation: powder  
Fineness: <0,5 % on 325#

##### Thermal Characteristics:

Cubic Thermal Expansion (20-400C): 185 \*10E-7/C  
Expansion percentage at 573C: 0,35%  
Transformation Temperature: 710 C  
Softening Temperature: 810 C  
Firing Temperature: 1220-1250 C

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