

# CTM POTTERS SUPPLIES

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## SPEC SHEET

### GLAZES

#### G14 – Leadless Transparent Gloss

Type of product: Glossy transparent glaze  
Main uses: Earthenware and tableware

#### 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>-B<sub>2</sub>O<sub>3</sub>-CaO  
Medium Level (2-8%): Na<sub>2</sub>O-K<sub>2</sub>O  
Low Level (below 2%): ---

##### Physical Characteristics:

Aggregation: powder  
Fineness: 1,5-3,5% on 325#

##### Thermal Characteristics:

Cubic Thermal Expansion (20-400C): 185 \*10E-7/C  
Expansion percentage at 573C: 0,34%  
Transformation Temperature: 640 C  
Softening Temperature: 705 C  
Firing Temperature: 1000-1030 C

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