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# CEROX-506 ZINC OXIDE

## DESCRIPTION

CEROX-506 is a highly calcined French Process zinc oxide made specifically for the ceramic industry.

## USES

CEROX-506 is designed specifically for use in ceramic bodies and glazes to control thermal expansion, improve brilliance and luster, and act as a flux. It has the high purity and low residue of French Process oxide, and has the shrinkage and water absorption necessary for ceramic processing. Its high brightness is particularly useful for glazes.

## TECHNICAL DATA

### Representative Physical Properties

Mean Particle Size,  $\mu$  . . . . . 2.0  
Surface Area,  $m^2/g$  . . . . . 0.7  
Specific Gravity . . . . . 5.6  
Through 325 Mesh, % . . . . . 99.9  
Specifications . . . . . ASTM D-79

### Representative Chemical Properties

ZnO, % . . . . . 99.8  
PbO, % . . . . . 0.05  
CdO, % . . . . . 0.04  
Fe<sub>2</sub>O<sub>3</sub>, % . . . . . 0.009  
Acid Insoluble, % . . . . . <0.01  
H<sub>2</sub>O Absorption, %  
(mL/30g) . . . . . 22

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