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# XX-631R ZINC OXIDE

## DESCRIPTION

XX-631R is a paint grade zinc oxide specially engineered to provide medium consistency and oil absorption. XX-631R has an organophilic surface treatment, which improves its dispersibility.

## USES

*PAINT* – XX-631R is designed for use in oil-based or latex exterior house paints where a zinc oxide of medium consistency is desired. XX-631R is produced from a unique process which imparts higher brightness and higher purity than earlier American Process grades, while retained the same excellent stability, mildew resistance, UV absorption, and weathering properties.

## TECHNICAL DATA

### Representative Physical Properties

Mean Particle Size,  $\mu$  . . . . . 0.33  
 Surface Area,  $m^2/g$  . . . . . 3.2  
 Spatula Oil Absorption  
 (Lb oil / 100 Lb pigment) . . . 16  
 Specific Gravity . . . . . 5.6  
 Apparent Density,  $lb/ft^3$  . . . . . 40  
 Through 325 Mesh, % . . . . . 99.97  
 Pounds per Solid Gallon . . . . . 46.7  
 1 Lb Bulks, gallon . . . . . 0.0214  
 Specifications . . . . . ASTM D-79

### Representative Chemical Properties

ZnO, % . . . . . 99.6  
 PbO, % . . . . . 0.05  
 Total S as  $SO_3$ , % . . . 0.001  
 $H_2O$  Soluble Salts, % 0.1  
 Loss at  $110^\circ C$ , % . . . 0.3  
 Insoluble in HCl, % . . . <0.01

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