



ZINC CORPORATION OF AMERICA
 300 Frankfort Road
 Monaca, PA 15061-2295
 Phone: 724-774-1020
 Fax: 724-773-2269
<http://www.zinccorp.com>

XX-503R ZINC OXIDE

DESCRIPTION

XX-503R is a paint grade zinc oxide specially engineered to provide relatively large particles with a minimum of colloidal fines. It has the properties of low reactivity, low water absorption, low oil absorption, and low viscosity which make it particularly desirable in paint.

USES

PAINT – XX-503R is designed for use in oil-based or latex exterior house paints where a zinc oxide of low consistency is desired. XX-503R 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, μ 0.9
 Surface Area, m^2/g 1.2
 Spatula Oil Absorption
 (Lb oil / 100 Lb pigment) 9
 Specific Gravity 5.6
 Apparent Density, lb/ft^3 65
 Through 325 Mesh, % 99.95
 Pounds per Solid Gallon 46.7
 1 Lb Bulks, gallon 0.0214
 Specifications ASTM D-79

Representative Chemical Properties

ZnO, % 99.8
 PbO, % 0.05
 Total S as SO_3 , % 0.001
 H_2O Soluble Salts, % 0.05
 Loss at $110^\circ C$, % 0.2
 Insoluble in HCl, % <0.01

The information hereon has been compiled from sources which we believe to be reliable, but we assume no responsibility or liability for its accuracy or for the result of any application made of any information contained herein, nor do we assume any liability for infringement of any patent which may result from the application of such information.

Revised 3/2001

ZCA XX-503R ZINC OXIDE