



300 Frankfort Road
Monaca, PA 15061

Phone: 800-962-7500
Fax: 724-773-2269
www.horsehead.net

FGS-8 Zinc Oxide

DESCRIPTION

FLORENCE®GREEN SEAL-8 is a high quality, general purpose French Process zinc oxide made from high-purity zinc metal. It provides both high chemical purity and excellent physical properties.

USES

PAINT – FLORENCE® GREEN SEAL-8 is used in artists' colors and in specialty paints where a zinc oxide of superior color and brightness is desired. In interior alkyd enamels, however, KADOX-915 is preferred as it imparts outstanding resistance to after-yellowing.

OTHER USES – FLORENCE® GREEN SEAL-8 contributes many desirable properties to other applications, such as printing inks, adhesives, textile printing, pharmaceuticals, ceramics, and ferrites.

TECHNICAL DATA

Representative Physical Properties

Mean Surface Particle Diam., μ ..0.33
Specific Surface, m^2/g3.2
Spatula Oil Absorption
(Lb oil/100 Lb pigment) 11
Oil Absorption
(Lb oil/100 Lbs ZnO) 12
Apparent Density, lb/ft^3 40
Through 325 Mesh, %.....99.99
Pounds per Solid Gallon46.7
1 Lb Bulks, gallon.....0.0214
SpecificationsASTM D-79

Representative Chemical Properties

ZnO, % 99.8
PbO, % 0.001
CdO, % 0.005
Total S as SO_3 , % 0.001
Loss at 110°C, % 0.2
Specific Gravity..... 5.6

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HORSEHEAD CORPORATION FGS-8 ZINC OXIDE