



Wayncor[®] 240 – Corrosion Inhibitor Pigment.

Description – Zinc Molybdate

Wayncor[®] 240 is a white Basic Zinc Molybdate anti-corrosive pigment which imparts good corrosion resistance to protective primers. It has a wide variety use in thermo set and thermo plastic systems. It can be used alone or in conjunction with other anti-corrosive additives. The typical use level for this product is between 3 – 7% based on total formula weight. It has a small particle size and narrow distribution which will permit it to be used in wash primers, DTM, or primer applications.

Characteristic	Test Method	Typical Value
Appearance		White powder
Zinc Oxide [%]		70.3 +/- 3.0
Dimolybdenum trizinc nonaoxide [%]		27.0 +/- 1.0
Inorganic Additive [%]		2.7 +/- 0.1
Specific Gravity	ASTM D-153	5.10
Bulking Value [gal/lb] [l/kg]		0.023 0.196
pH	ASTM D-1208	6.0 - 8.0
Conductivity [micro Siemens]	ASTM D-2448	< 900
Loss on Ignition at 600°C [%]	ASTM D-6280 (A3)	< 6.0
Moisture at 110°C [%]	ASTM D-280	< 1.2
Oil Absorption [lbs/100 lbs] [kg/100kg]	ASTM D-281	19 – 32 19 – 32
Apparent Bulk Density, Tapped [g/100 cm ³]	ASTM D-4164	40 – 95
Fineness of Grind [Hegman Value]	ASTM D-1210	5.0 Min.
Mean Particle Size [microns]	Malvern Mastersizer	8.9
Lead as Pb [ppm]	by Atomic Absorption	< 10.0
Cadmium as Cd [ppm]	by Atomic Absorption	2.0
Chromium as Cr [ppm]	by Atomic Absorption	< 0.50

Suggested Applications
Long oil alkyds
High solid alkyds
Solvent based 2K epoxies
High solid epoxies

Performance in other systems has not been evaluated.

These are typical values and do not represent specifications.

The information made herein is based upon our research and the research of others, and is believed to be accurate. No guarantee of accuracy is made and the product discussed is sold without warrant, expressed or implied and upon the condition the purchaser shall make their own tests to determine the suitability of such product for their particular purposes.

