



Technical Data Sheet

Wayncor™ 219 – Corrosion Inhibitive Pigment

Description – Zinc Aluminum Orthophosphate

Wayncor™ 219 is a zinc aluminum orthophosphate hydrate. It is a free flowing white powder intended for the use in anti-corrosion primer applications. Its pH allows it to be formulated into a wide range of formulas but is particularly effective in solvent systems and water based epoxies. Typical use levels range between 2 - 7% total formula weight.

Characteristic	Test Method	Typical Value
Appearance		White powder
Zinc [%]	ISO 6745	40 - 42
Specific Gravity	ASTM D-153	2.70
Bulking Value [gal/lb] [l/kg]		0.044 0.367
pH	ASTM D-1208	4.5 - 7.0
Conductivity [micro Siemens]	ASTM D-2448	500 Max.
Loss on Ignition at 600 °C [%]		12.5 Max
Oil Absorption [lbs/100 lbs] [kg/100kg]	ASTM D-281	60 Max.
Apparent Bulk Density, Tapped [g/100 cm ³]		35 - 95
Fineness of Grind [Hegman Value]	ASTM D-1210	5.5 Min.

Suggested Applications
Solvent epoxies
High solids epoxies
Water based epoxies
Acrylics
Modified acrylics
Long oil alkyds
Polyurethanes
Water based alkyds

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.

