

Wayncor® 229 - Corrosion Inhibitive Pigment.

Description – Strontium Zinc Phosphosilicate

Wayncor $^{\otimes}$ 229 is an effective multi-component, multi-phase synergistic corrosion inhibitor pigment. It is a chrome free product, and is compatible with all commercially available aqueous and solvent based resin systems. The recommended loading levels for water based systems and solvent based systems from 3 – 7% total formula weight.

Characteristic	Test Method	Typical Value
Appearance		White powder
Strontium as SrO [%]		3.5 - 5.5
Zinc as ZnO [%]		39 - 41
Phosphate as P ₂ O ₅ [%]		18 - 20
Silicate as SiO ₂ [%]		14.5 - 16.5
Calcium as CaO [%]		13.5 - 15-5
Specific Gravity	ASTM D-153	3.35
Bulking Value [gal/lb] [l/kg]		0.036 0.300
рН	ASTM D-1208	7.5 - 9.0
Conductivity [micro Siemens]	ASTM D-2448	< 200
Moisture at 110°C [%]	ASTM D-280	< 8.0
Oil Absorption [lbs/100 lbs] [kg/100kg]	ASTM D-281	19 - 30 19 - 30
Apparent Bulk Density, Tapped [g/100 cm ³]	ASTM D-4164	50 - 85
Fineness of Grind [Hegman Value]	ASTM D-1210	6.0 Min.
Mean Particle Size [microns]	Malvern Mastersizer	5.0
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		
Short and Medium Oil Alkyds		
Long Oil Alkyds		
High Solids Alkyds		
Epoxies – Solvent and Water		
High Solids Epoxies		
Polyurethanes 1K and 2K		
Alkyd Emulsions		
Epoxy Dispersions		
Acrylics and Modified Acrylics		
Hybrids		
Baking Enamels		

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.

