



TECHNICAL DATA SHEET

Wayncor[®] 226 – Corrosion Inhibitive Pigment.

Description – Organically Modified Calcium Zinc Strontium Phosphosilicate

Wayncor[®] 226 is a premium multi-component corrosion inhibitor pigment that comprises distinctly different inhibitive species to provide a high degree of corrosion protection on ferrous substrates. Although versatile it is highly recommended for water based acrylic primers where a high degree of corrosion resistance is required. Typical use level is between 3 – 7% total formula weight.

Characteristic	Test Method	Typical Value	Suggested Applications
Appearance		White powder	Acrylics and Modified Acrylics
Zinc as ZnO [%]		41 - 43	Alkyds
Phosphate as P ₂ O ₅ [%]		14 - 16	Epoxies - Solvent and Water
Silicate as SiO ₂ [%]		17 - 19	Urethanes
Calcium as CaO [%]		16 - 18	
Strontium as SrO [%]		3 - 5	
Organic Additive [%]		0.5	
Specific Gravity	ASTM D-153	2.90	
Bulking Value [gal/lb] [l/kg]		0.041 0.345	
pH	ASTM D-1208	6.5 - 8.0	
Conductivity [micro Siemens]	ASTM D-2448	< 500	
Moisture at 110°C [%]	ASTM D-280	< 7.0	
Oil Absorption [lbs/100 lbs] [kg/100kg]	ASTM D-281	22 - 30 22 - 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	6.5	
Lead as Pb [ppm]	by Atomic Absorption	< 5.0	
Cadmium as Cd [ppm]	by Atomic Absorption	< 1.0	
Chromium as Cr [ppm]	by Atomic Absorption	< 0.50	

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.

