



Wayncor[®] 229 – Corrosion Inhibitive Pigment.

Description – Strontium Zinc Phosphosilicate

Wayncor[®] 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
pH	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

These are typical values and do not represent specifications.

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

Performance in other systems has not been fully evaluated.

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.



WPC Technologies 7350 South 6th Street Oak Creek, WI, 53154 USA

Telephone 001 414 225 2400

www.waynepigment.com

10/31/2017