



Wayncor[®] 213 – Corrosion Inhibitive Pigment.

Description – Calcium Phosphosilicate

Wayncor[®] 213 is a general purpose corrosion inhibitive pigment which demonstrates good stability and corrosion resistance in a wide variety of systems. Typical use level is between 3 – 7% total formula weight.

Characteristic	Test Method	Typical Value
Appearance		White powder
Calcium as CaO [%]		47 - 49
Phosphate as P ₂ O ₅ [%]		22 - 24
Silicate as SiO ₂ [%]		22.5 - 24.5
Specific Gravity	ASTM D-153	2.70
Bulking Value [gal/lb] [l/kg]		0.044 0.370
pH	ASTM D-1208	7.5 - 9.5
Conductivity [micro Siemens]	ASTM D-2448	< 500
Loss on Ignition 600°C [%]	ASTM D-6280 (A3)	< 8.0
Moisture at 110 °C [%]	ASTM D-280	< 4.0
Oil Absorption [lbs/100 lbs] [kg/100 kg]	ASTM D-281	38 - 52 38 - 52
Apparent Bulk Density, Tapped [g/100 cm ³]	ASTM D-4164	30 - 56
Fineness of Grind [Hegman Value]	ASTM D-1210	Min. 5.0
Mean Particle Size [microns]	Malvern Mastersizer	6.0
Lead as Pb [ppm]	by Atomic Absorption	< 1.0
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
Epoxies – solvent and water based
Chlorinated Polymers
Alkyd Emulsions
Epoxy Dispersions
Acrylics and Modified Acrylics
Hybrids
Polyurethanes
Acrylics
Baking Enamels

Performance in other systems has not been 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.



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