G. R. O'Shea COMPANY

WAYNE PIGMENT
CORROSTAIN 228

Wayne Pigment Corp.

Corrostain® 228 – Organically Modified Zinc Strontium Phosphosilicate

Corrostain® 228 features a unique pigment chemistry which combines the dual functionality of **Corrosion Inhibition and Tannin Stain Inhibition.** This dual functionality aids in the reduction of raw material inventories and also provides effective inhibitor formulations. It is designed to provide good stability and performance in both solvent and water based systems. Typical use level is between 2 – 6% based upon total formula weight.

Characteristic	Test Method	Typical Value
Appearance		White powder
Zinc as ZnO [%]		41 – 43
Phosphate as P_2O_5 [%]		15 -17
Silicate as SiO_2 [%]		15 – 17
Calcium as CaO [%]		14 – 16
Strontium as SrO [%]		2 – 4
Cyanamid as NCN [%]		3 - 5
Specific Gravity [g/cm^3]	ASTM D-153	3.10
Bulking Value [gal/lb] [l/kg]		0.039 0.323
pH	ASTM D-1208 (3)	7.5 – 8.5
Conductivity [micro Siemens]	ASTM D-2448	<200
Loss on Ignition 200ºC [%]	ASTM D-280	< 7.0
Oil Absorption [lbs/100 lbs] [kg/100kg]	ASTM D-281	25 - 31
Apparent Bulk Density, Tapped [g/cm^3]	ASTM D-4164	50 - 70
Fineness of Grind [Hegman Value]	ASTM D-1210	6.0 Min.
Mean Particle Size [microns]	Malvern Mastersizer	6.0
Water Soluble Chloride [%]		< 0.02
Water Soluble Sulfate [%]		< 0.04
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.

Suggested Applications
Acrylics
Styrenated Acrylics
Epoxies - Solvent and Water
Alkyds
Water Reducible Alkyds

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