Technical Data Sheet

Wayncor ® 211

Description – Strontium Calcium Phosphosilicate

Wayncor ® 211 is an anti-corrosion inhibitive pigment that is very effective in solvent and water based epoxy primers. It does not affect the pot life of 2K systems. It can also be used alone or as a synergist with Zinc Phosphate. Typical use level is between 3 – 7 % total formula weight.

Characteristic	Test Method	Typical Value
Appearance		White powder
Strontium as SrO [%]		28 - 30
Phosphate as P_2O_5 [%]		17 - 19
Silicate as SiO_2 [%]		23 - 25
Calcium as CaO [%]		21 - 23
Specific Gravity	ASTM D-153	2.98
Bulking Value [gal/lb] [l/kg]		0.040 0.335
pH	ASTM D-1208	7.5 – 10.0
Conductivity [micro Siemens]	ASTM D-2448	500 Max
Moisture at 110 ºC [%]	ASTM D-280	6.0 Max
Oil Absorption [lbs/100 lbs] [kg/100kg]	ASTM D-281	16 - 31
Apparent Bulk Density, Tapped [g/100 cm^3]	ASTM D-4164	65 - 100
Fineness of Grind [Hegman Value]	ASTM D-1210	5.0
Water Soluble Chloride [%]		< 0.02
Water Soluble Sulfate [%]		< 0.04
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	< 0.05

Suggested Applications
Solvent Epoxies
Water Based Epoxies
High Solids Epoxies
Epoxy Esters

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.

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