Technical Data Sheet

Wayncor® 214 – Calcium Borosilicate

Wayncor ® 214 is an effective corrosion inhibitive pigment designed for alkyds and other solvent based systems. Typical use level is 3 – 7% total formula weight.

Characteristic	Test Method	Typical Value
Appearance		White powder
Calcium as CaO [%]		35 - 37
Boric Oxide as B_2O_3 [%]		22 - 25
Silicate as SiO_2 [%]		38 - 40
Specific Gravity	ASTM D-153	2.65
Bulking Value [gal/lb] [l/kg]		0.045 0.337
pH	ASTM D-1208	9.0 – 10.5
Moisture at 110 ºC [%]	ASTM D-280	5.0 Max
Loss on Ignition 600ºC [%]		< 10.0
Conductivity [micro-Siemens]	ASTM D-2448	< 3,500
Oil Absorption [lbs/100 lbs] [kg/100kg]	ASTM D-281	20 - 32
Apparent Bulk Density, Tapped [g/100 cm^3]	ASTM D-4164	50 - 85
Fineness of Grind [Hegman Value]	ASTM D-1210	5.0 Min.
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

Suggested Applications
Short and Medium Oil Alkyds
Long Oil Alkyds
Solvent Epoxies
Modified Alkyds
Polyurethanes

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.