



## 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 <sub>2</sub> O <sub>3</sub> [%]          |                     | 22 - 25        |
| Silicate as SiO <sub>2</sub> [%]                          |                     | 38 - 40        |
| Specific Gravity  | ASTM D-153          | 2.65           |
| Bulking Value [gal/lb]<br>[l/kg]                          |                     | 0.045<br>0.337 |
| pH  | ASTM D-1208         | 9.0 – 10.5     |
| Moisture at 110 °C [%]                                    | ASTM D-280          | 5.0 Max        |
| Loss on Ignition 600°C [%]                                | ASTM D-6280 (A3)    | < 10.0         |
| Conductivity [micro-Siemens]                              | ASTM D-2448         | < 3,500        |
| Oil Absorption [lbs/100 lbs]<br>[kg/100kg]                | ASTM D-281          | 20 - 32        |
| Apparent Bulk Density,<br>Tapped [g/100 cm <sup>3</sup> ] |                     | 50 - 85        |
| Fineness of Grind [Hegman Value]                          | ASTM D-1210         | 5.0 Min.       |
| Mean particle size [microns]                              | Malvern Mastersizer | 6.0            |

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

Performance in other systems has not been fully evaluated

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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