



## 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 <sub>2</sub> O <sub>5</sub> [%]            |             | 17 - 19        |
| Silicate as SiO <sub>2</sub> [%]                          |             | 23 - 25        |
| Calcium as CaO [%]  |             | 21 - 23        |
| Specific Gravity  | ASTM D-153  | 2.98           |
| Bulking Value [gal/lb]<br>[l/kg]                          |             | 0.040<br>0.335 |
| pH  | ASTM D-1208 | 7.5 – 10.0     |
| Conductivity [micro Siemens]                              | ASTM D-2448 | 500 Max        |
| Moisture at 110 °C [%]                                    | ASTM D-280  | 6.0 Max        |
| Oil Absorption [lbs/100 lbs]<br>[kg/100kg]                | ASTM D-281  | 16 - 31        |
| Apparent Bulk Density,<br>Tapped [g/100 cm <sup>3</sup> ] |             | 65 - 100       |
| Fineness of Grind [Hegman Value]                          | ASTM D-1210 | 5.0            |

| Suggested Applications |
|------------------------|
| Solvent Epoxies        |
| Water Based Epoxies    |
| High Solids Epoxies    |
| Epoxy Esters           |
| Water Based Alkyds     |
| Solvent Based Alkyds   |
| Polyester              |
| Polyurethane           |
| Sealants               |
| Chalks                 |

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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