

## TECHNICAL DATA SHEET PLASTONICS 200 SERIES VINYL

Plastonics 200 series Vinyl's are applied by the Fluid Bed dip process. These thermoplastic materials produce a soft, smooth glossy surface with excellent outdoor weathering properties. These coatings have very good salt spray and UV resistance. Service temperature in air is up to 180F continuous or 320F intermittent.

These Vinyls's are designed to produce a film thickness of .007" to .015". Higher film thickness is possible if required.

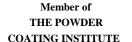
## **CHARACTERISTICS:**

| PROPERTIES            | TEST METHODS | VALUE          |
|-----------------------|--------------|----------------|
| Color                 |              | As Required    |
| Hardness (Shore A)    | ASTM D-2240  | 75 +/- 2       |
| Hardness (Shore D)    | ASTM D-2240  | 25 +/- 2       |
| Tear Strength, In.lb. | ASTM D-1004  | 460 +/- 10     |
| Elongation            | ASTM D-638   | 290%           |
| Dielectric Strength   | ASTM D-149   | 1000 volts/mil |
| Salt Spray            | ASTM B-117   | 1000 + Hrs     |
| Tensile Strength, psi | ASTM D-651   | 2100 +/- 100   |
| Melting Range, F      |              | 380 - 410      |

Chemical Resistance: Excellent resistance to most alkalis, acids, alcohols, gasolines and aliphatic hydrocarbons although concentration and temperature will have a bearing on the degree of resistance.

Typical Applications: Outdoor wire goods, chain link fence, gates, hardware, sign posts, guard rails.







<sup>\*</sup> Test values above should be used as a guide only. All tests were performed on cleaned and primed, zinc phosphate treated CRS panels.