



# PLASTONICS, INC.

Powder Coating Specialists Since 1959

## 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.

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

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



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