Technical Bulletin

SRSF 33845
UM Green II

Description:	***SRSF 33845, UM Green II*** is a thermosetting Super Polyester-TGIC powder coating and designed for excellent exterior durability.	
Typical Powder Properties	Specific Gravity (ASTM D5965-96, C)	1.31±0.05
	Theoretical Coverage	147 sq.ft/lb./mil
	Shelf life (at below 80°F in dry condition)	12 months
Typical Physical Properties:	Film Thickness	2.0-3.0 mil
	Gloss 60'angle (ASTM D-523-89)	80+
	Hardness (ASTM D-3363-92A)	2H
	Flexibility (ASTM D-1737-89)	1/4 inch
	Adhesion (ASTM D-3359-95A)	5B (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	100/100 in-lbs.
	Salt Spray (ASTM B117, 1000 hrs, Bonderite 1000 panel)	Rating 7 (creepage)
	Salt Spray (ASTM B117, 3000 hrs, Alodine panel)	Rating 7 (creepage)

Application Data: ***SRSF 33845, UM Green II*** is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

Cure Schedule: ***SRSF 33845, UM Green II*** can be cured in a direct or indirect gas convection oven, an electric oven, or an Infrared. A combination of any of these ovens is also suitable.

Standard Cure: 10 minutes @ 400°F Peak Metal Temperature

Storage: ***SRSF 33845, UM Green II*** should be stored at temperatures below 80°F, in a dry area away from any heat source.

Notes: All tests were performed on B-1000 iron phosphated panels with a nominal film thickness of 2.0-3.0 mils. Please refer to the SDS for safety information.

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