



## ULTRA POLYESTER SAMPLE - SRSS 10004

**Description:** Thermosetting ultra polyester TGIC powder coating. The ultra polyester TGIC is designed for excellent exterior durability. For full details please see our "Ultra" polyester bulletin. This product has also been specifically formulated to be "Out Gas Forgiving".

**Typical Applications:** General metals, castings, architectural, automotive, lawn & garden furniture, stadium seating, light fixtures, marine, fencing, etc

<b>Typical Properties:</b>	Film Thickness	2.0 - 3.0+ mil
	Gloss 60'angle (ASTM D-523-89)	75 - 85
	Hardness (ASTM D-3363-92A)	H - 2H
	Flexibility (ASTM D-1737-89)	1/16 inch
	Adhesion (ASTM D-3359-95A)	5b (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	120 in-lbs
	Exterior Durability	Very Good
	Chemical Resistance	Good
	Salt Spray (ASTM B117)	1500Hrs < 1/8"
	Specific Gravity (calculated)	1.4

**Application Data:** Polyester TGIC's are to be applied with a corona electrostatic powder spray gun at between 60- 100kv.

**Cure Schedule:** Polyester TGIC's 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<sup>o</sup>f Peak Metal Temperature

**Storage:** Product should be stored at temperatures below 80<sup>o</sup>f, in a dry area away from any heat source

**Notes:** All tests were performed on Bonderite 1000, iron phosphated panels with a nominal film thickness of 2 mils.  
Please refer to the MSDS for safety information.

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