

## Technical Bulletin

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### Translucent Sun Drenched Copper URSF 92952PB

**Description:** Thermosetting polyurethane powder coating. This product is translucent. The color and condition of the substrate will vary the appearance of the product.

**Typical Applications:** Decorative

**Typical minimum** Film Thickness 1.2 mil

**Physical Properties:**

Gloss 60'angle (ASTM D-523-89)	90+
Hardness (ASTM D-3363-92A)	2H
Flexibility (ASTM D-1737-89)	1/8 inch
Adhesion (ASTM D-3359-95A)	5B (100%)
Impact Direct/Indirect (ASTM D-2794-93)	160 in-lbs
Salt Spray (ASTM B117)	1000 Hrs < 1/8'
Specific Gravity (calculated)	1.25+/- .05

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

**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: 12 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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