



Technical Bulletin

URSS 90072 OB Gold Bonded

Description: *URSS 90072, OB Gold Bonded* is a thermosetting, modified polyurethane powder coating designed for superior scratch, mar resistance, excellent hardness and chemical resistance for appliances.

**Typical
Powder Properties**

Specific Gravity (ASTM D5965-96, C)	1.56±0.05
Theoretical Coverage	123 sq.ft/lb./mil

**Typical
Physical Properties:**

Film Thickness	2.0-3.5 mil
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 (ASTM D-2794-93)	100/100 in-lbs.
Salt Spray (ASTM B117, 1000 hrs., Bonderite 1000 panel)	Rating 7 (creepage)

Application Data: *URSS 90072, OB Gold Bonded* is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

Cure Schedule: 10min @ 375°F Peak Metal Temperature

Storage: *URSS 90072, OB Gold Bonded* should be stored at temperatures below 80°F, in a dry area away from any heat source.

Notes: All tests were performed on Bonderite 1000, Alodine panels with a nominal film thickness of 2.0 -3.0 mils. Please refer to the MSDS for safety information.

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