

## POLITHERM 54 HB SM ORANGE 20582 BR

**PRODUCT:** 14989081

**DESCRIPTION / USES:** Epoxy powder coating for indoor use on metallic parts.

**CHARACTERISTICS:**

**Resin:** Epoxy  
**Specific gravity:** 1,59 ± 0,10 g/cm<sup>3</sup>  
**Stability:** 6 months (máx. 30°C)

**APPLICATION CHARACTERISTICS:**

**Surface:** Ferrous and non-ferrous  
**Surface preparation:** Ferrous: Phosphatization  
 Non-ferrous: Chromatzation or phosphatization\*  
**Cure conditions:** 10 minutes at 200 °C\*\*  
**Thickness:** 100 – 120 µm  
**Application system:** Electrostatic gun

**AFTER CURE CHARACTERISTICS\*\*\*:**

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905	: GR0
GLOSS at 60°	WPS-3854	: Minimum 85 UB
IMPACT (REVERSE)	WPS-4130	: Minimum 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	WPS-4856	: Maximum 3 mm

**CHEMICAL RESISTANCE \*\*\***

**Salt spray:** : Minimum 500 h (ASTM B117 – 03)  
**Humidity:** : Minimum 1000 h (35°C)

\* For non-ferrous metals phosphatizing, please contact our technical service.

\*\* After stabilization on correct temperature (metal temperature).

\*\*\* The tests were conducted on degreased steel panels in accordance with the cure and thickness specifications. The figures may be change, depending on the surface characteristics. For chemical resistance tests the panels were degreased and treated with tricationic phosphat.

**IMPORTANT:** If is not possible the use of the product according to the directions given above we ask you to contact our technical service.

This product is not suitable for parts intended to be glued using silicon glue.

**STORAGE:** Fresh, dry and covered place.