

POLITHERM 20 R SM BLUE 48990 UM

PRODUCT: 11382698

DESCRIPTION / USES: Metallic parts coating for indoor use.

ATTENTION: This product is sensitive to variations in baking time and temperature, occurring to a greater or lesser degree, changes in the color and gloss of the paint when the temperature in the part differs from that specified.

CHARACTERISTICS:

Resin:	Epoxy / polyester
Specific gravity:	1,51 ± 0,10 g/cm ³
Stability:	12 months (máx. 30°C)
Observations:	Free of heavy metals and other substances provided for in Directive 2015/863 EU of 03/31/2015 (RoHS).

APPLICATION CHARACTERISTICS:

Surface:	Ferrous and non-ferrous
Surface preparation:	Ferrous: Phosphatization Non-ferrous: Chromatization or phosphatization*
Cure conditions:	10 minutes at 200 °C**
Thickness:	60 – 80 µm
Application system:	Electrostatic gun

AFTER CURE CHARACTERISTICS***:

TEST	METHOD	SPECIFICATION
ADHESION	ISO 2409/ISO16276-2 / ASTM D3359	GR0
GLOSS	ISO 2813	15 ± 3 UB
IMPACT (REVERSE)	ISO 6672/1 e 2 / ASTM 2794	Min. 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	ISO 6860	Max. 3 mm

CHEMICAL RESISTANCE ***

Salt spray:	Min. 500 h (ASTM B117 – 03)
Humidity:	Min. 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 tricaticonic 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.

STORAGE: Fresh, dry and covered place.