

POLITHERM 25 R SM BLACK 72770 UM

PRODUCT: 10636062

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

ATTENTION: This product is sensitive to variations of time and temperature occurring more or less changes in color and brightness when the temperature of the ink in the piece differs from specified.

CHARACTERISTICS:

Resin:	Epoxy
Specific gravity:	1,55 ± 0,10 g/cm ³
Stability:	6 month (máx. 30°C)
Observations:	Free of heavy metals according to RoHS Directive 2002/95/CE of 01/27/2003

APPLICATION CHARACTERISTICS:

Surface:	Ferrous and non-ferrous
Surface preparation:	Ferrous : Phosphatization Non-ferrous: Chromatization or phosphatization*
Cure conditions:	10 minutes at 180 °C**
Thickness:	50 – 70 µm
Application system:	Electrostatic gun

AFTER CURE CHARACTERISTICS***:

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905	: GR0
GLOSS at 60°	WPS-3854	: 5 ± 2 UB
IMPACT (REVERSE)	WPS-4130	: Minimum 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	WPS-4856	: Maximum 5 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 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.

COPY FOR INFORMATION

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