POLITHERM 12 R SM WHITE 60667 SB

PRODUCT: 16315322

DESCRIPTION / USES: Metallic parts coating for indoor use.

CHARACTERISTICS:

Resin:	Epoxy / polyester
Specific gravity:	1,76 ± 0,10 g/cm^3
Stability:	06 month (máx. 30ºC)
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:	5 minutes at 200 ºC**
Thickness:	60 – 80 µm
Application system:	Electrostatic gun

AFTER CURE CHARACTERISTICS***:

TEST	METHOD	SPECIFICATION
ADHESION	ASTM D 3359	GR0
GLOSS @ 60°	ASTM D 523	80 ± 5 UB
IMPACT (REVERSE)	ASTM 2794	Min. 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	ASTM D 790 / ISO 178	Max. 3 mm

NOTE: There may be, between batches, some variation in color tone around the color standard.

CHEMICAL RESISTANCE ***

Salt spray:	Min. 300 h (ASTM B117 – 03)
Humidity:	Min. 500 h (35ºC)

* 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.

STORAGE: Fresh, dry and covered place.