



TECHNICAL INFORMATION – POWDER COATINGS

POLITHERM 17 R SM WHITE 60790 BR

PRODUCT: 14948884

DESCRIPTION / USES: Metallic parts coating for outdoor use.

CHARACTERISTICS:

Resin:	Polyester
Specific gravity:	1,85 ± 0,10 g/cm ³
Stability:	06 month (max. 30°C)
Observations:	Free of heavy metals according to the RoHS Directive 2011/65/UE of 08/06/2011

APPLICATION CHARACTERISTICS:

Surface:	Ferrous and non-ferrous
Surface preparation:	Ferrous : Phosphatization Non-ferrous: Chromatization or phosphatization*
Cure conditions:	5 minutes at 180 °C**
Thickness:	60 – 80 µm
Application system:	Electrostatic gun

AFTER CURE CHARACTERISTICS:***

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905	: GR0
GLOSS @ 60°	WPS-3854	: Min 85 UB
IMPACT (REVERSE)	WPS-4130	: Min 40 kg X cm
FLEXIBILITY (CONIC MANDREL)	WPS-4856	: Max 5 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 (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 results may vary, depending on the surface characteristics. For chemical resistance testing, panels were degreased and treated with tricationic phosphat.

IMPORTANT: This coating, when properly applied and cured is suitable for the use of adhesives and sealants. However, because of the different products on the market, it requires prior testing by the user in order to select the adhesive and / or sealant appropriate.

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.