

POLITHERM 29 TF R MT BLACK 70093 MA

PRODUCT: 14812771

DESCRIPTION / USES: Metallic parts coating for outdoor use. Free of TGIC

CHARACTERISTICS:

Resin: Polyester
Specific gravity: 1,63 ± 0,10 g/cm³
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: 10 minutes at 180 °C**
Thickness: 70 – 90 µm
Application system: Electrostatic gun

AFTER CURE CHARACTERISTICS:***

TEST	METHOD	SPECIFICATION
ADHESION	ISO 2409/ISO 16276-2 /ASTM D3359	: GR0
GLOSS @ 60°	ISO 2813	: Visual Std
IMPACT (REVERSE)	ISO 6672-1 e 2 ASTM D2794	: 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 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.