

## POLITHERM 27 R SM VARNISH BLACK 71550 BR

**PRODUCT:** 11403071

**DESCRIPTION / USES:** Metallic parts coating for outdoor use.

**ATTENTION** As it is a product without covering power, the color tone varies depending on the thickness of the applied layer and the color of the substrate. Variations can also occur between varnish batches depending on the variation that exists within the shade limits of the dyes used.

**CHARACTERISTICS:**

<b>Resin:</b>	Polyester
<b>Specific gravity:</b>	1,22 ± 0,10 g/cm <sup>3</sup>
<b>Stability:</b>	06 month (max. 30°C)
<b>Observations:</b>	Free of heavy metals according to the RoHS Directive 2011/65/UE of 08/06/2011

**APPLICATION CHARACTERISTICS:**

<b>Surface:</b>	Ferrous and non-ferrous
<b>Surface preparation:</b>	Ferrous: Phosphatization Non-ferrous: Chromatization or phosphatization*
<b>Cure conditions:</b>	10 minutes at 170 °C**
<b>Thickness:</b>	60 – 80 µm
<b>Application system:</b>	Electrostatic gun

**AFTER CURE CHARACTERISTICS:\*\*\***

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905	: GR0
GLOSS @ 60°	WPS-3854	: Visual Standard
IMPACT (REVERSE)	WPS-4130	: Min 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	WPS-4856	: Max 3 mm

**CHEMICAL RESISTANCE \*\*\***

<b>Salt spray:</b>	: Min. 500 h (ASTM B117 – 03)
<b>Humidity:</b>	: 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.