



POLITHERM 22 R SM GRAY W RAL 7004 SB

PRODUCT: 12398385

DESCRIPTION / USES: Metallic parts coating for indoor use.

CHARACTERISTICS:

Resin: Epoxy / Polyester
Specific gravity: 1,66 ± 0,10 g/cm³
Stability: 6 month (max. 30°C)

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:***

There may be variations in the tone, brightness and spread of the film around the pattern shown. The presence of spots, contamination and craters is also permitted. This product may present variations in mechanical resistance (impact, adhesion and flexibility) within the batch and between batches. Mixing different batches of paint can generate incompatibility that can be seen as a haze (visual reduction in gloss). Technical Quality Complaints involving the characteristics described above will be considered unfounded and without compensation coverage.

TEST	METHOD	SPECIFICATION
ADHESION	ASTM D 3359	Maximum GR0
GLOSS @ 60°	ASTM D 523	70 ± 5 UB
IMPACT (REVERSE)	ASTM 2794	Minimum 50 kg.cm
FLEXIBILITY (CONIC MANDREL)	ASTM D 790 / ISO 178	Minimum 3 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 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.

COPY FOR INFORMATION

Review: 01

Date: 1/27/25