

POLITHERM 23 R SM MICROWAVE WHITE GW 64643 BR

PRODUCT: 14239831

DESCRIPTION / USES: Metallic parts coating for indoor use.

CHARACTERISTICS:

Resin: Epoxy / polyester
Specific gravity: 1,54 ± 0,10 g/cm³
Stability: 6 month (máx. 30°C)
Observations: Free of heavy metals according to RoHS Directive 2002/95/CE of 01/27/2003

APPLICATION CHARACTERISTICS:

Surface: Ferrous and non-ferrous
Surface preparation: Ferrous: Phosphatization
 Non-ferrous: Chromatization or phosphatization*
Cure conditions: 10 minutes at 180°C**
Thickness: 40 – 80 µm
Application system: Electrostatic gun

AFTER CURE CHARACTERISTICS***:

TEST	METHOD	SPECIFICATION
ADHESION	ISO 2409/ ISO 16276-2 / ASTM D3359	GR0
GLOSS	ISO 2813	90 - 98 UB
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 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.