

POLITHERM 20 R SM VARNISH OCRE BROWN 71553 MA

PRODUCT: 16833620

DESCRIPTION / USES: Metallic parts coating for indoor 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:

| | |
|--------------------------|---|
| Resin: | Epoxy / polyester |
| Specific gravity: | 1,36 ± 0,10 g/cm ³ |
| Stability: | 12 month (máx. 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 200 °C** |
| Thickness: | 50 – 70 µm |
| Application system: | Electrostatic gun |

AFTER CURE CHARACTERISTICS*:**

| TEST | METHOD | SPECIFICATION |
|-------------------------------------|----------------------|-----------------|
| ADHESION | ASTM D 3359 | GR0 |
| GLOSS @ 60° | ASTM D 523 | Visual std. |
| IMPACT (REVERSE) Cracks are allowed | ASTM 2794 | Min. 40 kg X cm |
| FLEXIBILITY (CONIC MANDREL) | ASTM D 790 / ISO 178 | Max. 3 mm |

CHEMICAL RESISTANCE ***

| | |
|--------------------|-----------------------------|
| Salt spray: | Min. 500 h (ASTM B117 – 73) |
| 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.