



## NEW TECH 205 R SM BLACK 70231 SM

**PRODUCT:** 16845690

**DESCRIPTION / USES:** Coating of metallic parts for external use. polyester paint with good chemical resistance and excellent adhesion, flexibility and resistance to yellowing. It has excellent resistance to weathering, with superior gloss and color retention compared to other polyester-based paints, with the presence of nanoparticles indicated for anti-corrosive action. Metallic parts coating for outdoor use. Free of TGIC.

### CHARACTERISTICS:

<b>Resin:</b>	Poliéster
<b>Specific gravity:</b>	1,66 ± 0,10 g/cm <sup>3</sup>
<b>Stability:</b>	12 month (max. 30°C)
<b>Observations:</b>	Free of heavy metals and other substances provided for in Directive 2015/863 EU of 03/31/2015 (RoHS).

### 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 200°C
<b>Thickness:</b>	60 - 80 µm
<b>Application system:</b>	Electrostatic gun

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

TEST	METHOD	SPECIFICATION
ADHESION	ASTM D 3359	Maximum GR0
GLOSS @ 60°	ASTM D 523	50 ± 5 UB
IMPACT (REVERSE)	ASTM 2794	Minimum 40 kg.cm
FLEXIBILITY (CONIC MANDREL)	ASTM D 790 / ISO 178	Minimum 5 mm

### CHEMICAL RESISTANCE \*\*\*

<b>Salt spray:</b>	Minimum 1000 h (ASTM B117 – 03)
<b>Humidity:</b>	Minimum 1500 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.

COPY FOR INFORMATION