

## **TECHNICAL DATA SHEET**

**CODE : PP240601**

**POLIESTERE TRASPARENTE OPACO**

### **1.1 DESCRIPTION**

Thermosetting clear powder coatings based polyester TGIC-free system suitable for electrostatic application

### **1.2 APPLICATION**

- Electrostatic Corona
- Electrostatic Tribo

### **1.3 SUBSTRATE**

- Iron, steel, aluminium

### **2.1 POWDER CHARACTERISTICS**

SPECIFIC GRAVITY (POQ07-30) Kg/l) : 1,150 ÷ 1,250

MILEAGE (m2/Kg.) a 60 µm : 14.5 ÷ 13.3

Particle size distribution (POQ07-16) µm : 42 ÷ 46

STORAGE STABILITY AT 20°C : 24 months  
in the original boxes

### **2.2 CURING CONDITIONS**

STANDARD CONDITIONS : 15' @ 180°C metal temperature

The film obtained maintains its property if the polymerisation conditions are respected.

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#### **DIVISIONE VERNICI IN POLVERE**

**Stabilimento e magazzini:**

Via dell'Elettronica, 5 – 28924 Verbania Fondotoce (Vb) – Italy  
Tel. +39 0323 5890.1 – Fax +39 0323 5890.661

**Presidio acquisti:**

Tel. +39 0323 5890.652 - Fax +39 0323 5890.661

**Ricevimento Merci:** Via dell'Edilizia, 8



Certificato n.187

#### **DIVISIONE VERNICI LIQUIDE**

**Stabilimento e magazzini:**

Via Campagna, 42 – 25030 Berlingo (Bs) - Italy  
Tel. +39 030 978960 – Fax +39 030 9789655

**Presidio acquisti:**

Tel. +39 030 9789635 – Fax +39 030 9789650

### 3.1 DRY FILM CHARACTERISTICS

- COLOR : CLEAR
- APPEARANCE: : SMOOTH, MATT SURFACE

### 3.2 DRY FILM CHEMICAL AND MECHANICAL RESISTANCE

All tests have been effectuated on UNI 0,5 mm thickness panels cured at the standard polymerisation conditions

Test film thickness: 80 µm

TEST	METHOD	RANGE
FILM THICKNESS	POQ07-07	70 ÷ 90 µm
GLOSS (60°)	POQ07-12	visual
DIRECT IMPACT (2lbs – ½ inch)	POQ07-09	> 2.5 Nm
ADHESION	POQ07-19	90 ÷ 100 GT0
ERICHSEN	POQ07-20	6 ÷ 8 mm
PENCIL HARDNESS	POQ07-06	H ÷ 2H
SALT SPRAY TEST	ISO 3768 - ASTM B117	500 hours
KESTERNICH TEST	ISO 3231	30 cycles
HUMIDITY CHAMBER TEST	ISO 6270	1000 hours
UV-CON	ASTM G 53-88 50% residual retention	after 300 hours

NOTE :The information contained is to the best of our knowledge, true and accurate, but any recommendations or suggestions, which may be made are without guarantee, since the conditions of use are beyond our control.

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