

## **TECHNICAL DATA SHEET**

**CODE : P E 4 0 0 6 2 6**

**EPF TRASPARENTE**

### **1.1 DESCRIPTION**

Thermosetting clear powder coatings based on epoxyphenolic system suitable for electrostatic application, with very good flow and high glossy.

Due to its high thermal and dimensional stability after polymerization, this kind of coatings is particularly suitable for coating of substrate where after applying vacuum metallization.

### **1.2 APPLICATION**

- Electrostatic Corona

### **1.3 SUBSTRATE**

- Iron, steel, aluminium

### **2.1 POWDER CHARACTERISTICS**

SPECIFIC GRAVITY (POQ07-30) Kg/l)	:	1,150 ÷ 1,250
MILEAGE (m <sup>2</sup> /Kg.) a 60 µm	:	14.5 ÷ 13.3
Particle size distribution (POQ07-16) µm	:	38 ÷ 44
STORAGE STABILITY AT 20°C in the original boxes	:	12 months

### **2.2 CURING CONDITIONS**

STANDARD CONDITIONS : 15' @220°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



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#### **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 BROWN
- APPEARANCE: : SMOOTH, HIGH GLOSSY 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	60 ÷ 100 µm
GLOSS (60°)	POQ07-12	105 ÷ 115 gloss
VISUAL GLOSS	POQ07-09	HIGH GLOSS
DIRECT IMPACT (2lbs – ½ inch)	POQ07-09	0 ÷ 20 cm

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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