# SIRALES® PE 8240

**PRODUCT** DATA SHEET

RS/037/071704/1

#### **Description**

Carboxylated polyester resin suitable for HYBRID powder coatings.

### **Applications**

Sirales PE 8240 is suggested in combination 60/40 and/or 50/50 p.b.w. with EPOSIR 7168 PG or EPOSIR 7175 PG, to manufacture powder coatings with high reactivity and good flow, mechanical and gloss characteristics.

15 min. at 160°C **Curing cycles (real time)** 

30 min. at 150°C

### **Sales specification**

Property	Value	Unit	Method
Acid number	60 70	mg KOH/gr	SIR 10328
Viscosity at 200°C (ICI cone plate)	1800 4000	mPa.s	SIR 10391
Colour (1)	3 max.	Sc. Gardner	ASTM D 1544

<sup>(1)</sup> Determined on 50% w/w solution on dimethylformamide.

#### **Typical Properties**

Property	Value	Unit	Method
Glass transition temperature (2)	61	$^{\circ}\mathrm{C}$	ASTM D 3418

<sup>(2)</sup> Determined on DSC (Perkin Elmer mod Diamond): 20°C/minute.

## **Supply Form**

Product is available as irregular flakes packed in 25 kg Polyethylene bags.

#### Storage stability

The product should be stored in the original bags kept tightly closed, away from sunshine and heat sources. Under these conditions and at a normal temperature (20°C) the resin should have a stability of one year.

#### **Safety**

The product is not flammable and no toxic effect has been determined.

Further informations are provided in the relevant safety data sheet.