# SIRALES® PE 8375

PRODUCT DATA SHEET

RS/338/1020021/1

### **Description**

Carboxylated polyester resin suitable for hybrid powder coatings free from trimellitic anhydride. *Experimental resin. The specifications could be refined without any notice. In case of any question, please contact our sales department.* 

# **Applications**

Sirales<sup>®</sup> PE 8375 is suggested in combination 50/50 p.b.w. with EPOSIR<sup>®</sup> 7178 PG, 7175 PG or EPONAC<sup>®</sup> 825, to manufacture powder coatings with good reactivity. It exhibits good flow and smoothness appearance as well as high mechanical properties and overbaking resistance.

**Curing cycles (object temperature)** 

8 ... 10 min. at 180°C

10 ... 15 min. at 160°C

## **Sales specification**

Property	Value	Unit	Method
Acid number	70 - 80	mg KOH/gr	SIR 10328
Viscosity at 200°C (ICI C&P)	1500 - 3500	m.Pa.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)	62	°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 (below 30°C) the resin should have a stability of one year.

#### **Safety**

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

Further information are provided in the relevant safety data sheet.