# SIRALES® PE 7812

PRODUCT DATA SHEET

RS/298/071301/1

## **Description**

Carboxylated polyester resin for outdoor powder coatings.

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 7812, in combination with the hardener based on  $\beta$ -hydroalkylamides (ratio 95/5), makes achievable a powder coating for industrial and architectural purposes.

The main characteristics of this paints are high reactivity and absence of blooming in combination with good flow and flexibility.

**Curing cycles (real time)** 

10 ... 15 min. at 160°C

15 ... 20 min. at 150°C.

## **Sales specification**

Property	Value	Unit	Method
Acid number	30 - 38	mg KOH/gr	SIR 10328
Viscosity at 200°C (ICI cone plate)	3000 - 6000	mPa.s	SIR 10391
Colour (1)	3 max.	Sc. Gardner	ASTM D 1544

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

## **Typical Properties**

Property	Value	Unit	Method
Glass transition temperature (Tg)	58	$^{\circ}\mathrm{C}$	ASTM D 3418

### **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 (25°C max), 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.

SIRALES ®: SIR INDUSTRIALE registered trade mark.

N.B.: The data given in this brochure do not constitute characteristic properties of the single product.

To our best knowledge, the information contained in this brochure is accurate and corresponds to the truth.

However, any recommendations or suggestions are provided without any guarantee, since the conditions in which the products are used are not under our control. Furthermore, nothing contained in this brochure shall be interpreted as a recommendation for using the product in violation of any patents relating to the material and their uses.