# SIRALES<sup>®</sup> PE 7315

PRODUCT DATA SHEET RS/137/100301/1

### Description

Carboxylated polyester resin suitable for outdoor powder coatings.

## Applications

Sirales PE 7315, in combination with TGIC (ratio 93/7), makes achievable a powder coating with following features:

- high reactivity:
- high outdoor durability;
- very good gloss and mechanical properties;
- blooming-free cured films.

Curing cycles (real time)	15 20 minutes at 160°C
	20 25 minutes at 150°C

#### Sales specification

Property	Value	Unit	Method
Acid number	30 38	mg KOH/gr	SIR 103281
Viscosity at 200°C (ICI cone plate)	3500 - 6500	MPa.s	SIR 10391
Colour (1)	3 max.	Sc. Gardner	ASTM D 1544

(1) Determined on 50% m/m solution on dimethylformamide.

#### **Typical Properties**

Property	Value	Unit	Method
Glass transition temperature (2)	55	°C	ASTM D 3418

(2) Determined on DSC (Perkin Elmer series 7) : 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.

SIRALES <sup>®</sup>: 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.