# SIRALES® PE 8221.BS

# PRODUCT DATA SHEET

RS/036/119902/1

#### **Description**

Carboxylated polyester resin suitable for HYBRID powder coatings.

## **Applications**

SIRALES<sup>®</sup> PE 8221.BS is suggested in combination 60/40 and/or 50/50 p.b.w. with EPOSIR<sup>®</sup> 7175 PG or 7168 PG, to manufacture powder coatings with a very good flow and brightness and with a high flexibility. SIRALES<sup>®</sup> PE 8221.BS, for the particular filtration technology used for its production, is suitable for manufacturing of powder coatings for low thickness applications,  $30 \div 50 \ \mu m$ .

**Curing cycles (real time)** 10 minutes at 200°C

15 minutes at 180°C

### **Sales specification**

Property	Value	Unit	Method
Acid number	5568	mg KOH/g r	SIR 10328
Viscosity ICI at 200°C	22004000	mPa.s	SIR 10391
Colour®	3 max.	Sc. Gardner	ASTM D 1544

<sup>(8)</sup> Determined on 50% m/m on dimethylformamide

### **Typical Properties**

Property	Value	Unit	Method
Glass transition temperature (T <sub>g</sub> )	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 (20°C) the resin should have a stability of one year.

#### **Safety**

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

Further information 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.

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