

SIRALES® PE 8231

PRODUCT DATA SHEET

RS/056/120502/1

Description

Carboxylated polyester resin suitable for HYBRID powder coatings.

Applications

Sirales PE 8231 is suggested in combination 60/40 and/or 50/50 p.b.w. with EPOSIR 7168 PG, 7175 PG or EPONAC 825, to manufacture powder coatings with enhanced gloss combined with both good flow and mechanical properties. This resin has been specifically designed to obtain matt or low gloss, high quality finish, when formulated with standard matt agents.

Curing cycles (real time)	15 min. at 200°C
	20 min. at 180°C

Sales specification

Property	Value	Unit	Method
Acid number	65 - 75	mg KOH/gr	SIR 103281
Viscosity at 200°C (ICI cone plate)	2800 ... 4800	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)	58	°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 determined.

Further informations are provided in the relevant safety data sheet.

SIRALES®, EPOSIR® and EPONAC® : SIR INDUSTRIALE registered trade marks.

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.