SIRALES® PE 7201.T

PRODUCT DATA SHEET PROVISIONAL RS/073/061202/1

Description

Carboxylated polyester resin, free from trimellitic anhydride, suitable for outdoor powder coatings.

Applications

Sirales PE 7201.T, in combination with β -hydroxyalkylamide (ratio 96.5/3.5) or, with TGIC (ratio 96/4), makes achievable a low-demand of hardener powder coating durable for outdoor purposes featuring a good flow, as well as mechanical and ageing characteristics. When combined by dry-blend technique with coatings based on Sirales PE 7220 allows to obtain a good matt finishing. Besides, the powder paint shows a very good tribochargeability.

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

20 min. at 180°C

Sales specification

Property	Value	Unit	Method
Acid number	16 24	mg KOH/gr	SIR 103281
Viscosity at 200°C	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	55	$^{\circ}\mathrm{C}$	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 determined.

Further informations 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.