

SIRALES[®] PE 7203.T

PRODUCT DATA
SHEET
RS/251T/062001/1

Description

Carboxylated polyester resin free from trimellitic anhydride, suitable 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[®] PE 7203.T, in combination with β -hydroxyalkylamide (ratio 97/3) 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 high reactivity coatings, based on Sirales[®] PE 7220, PE 7260 and PE 7270, allows to obtain a very good matt finishing. The paints based on Sirales[®] PE 7203.T show a good tribochargeability.

Curing cycles (real time)

15 min. at 200°C

20 min. at 180°C

Sales specification

Property	Value	Unit	Method
Acid number	14 ... 20	mg KOH/gr	SIR 103281
Viscosity at 200°C	4000 ... 7000	mPa.s	SIR 10391
Colour ⁽¹⁾	3 max.	Sc. Gardner	ASTM D 1544

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

Typical Properties

Property	Value	Unit	Method
Glass transition temperature	52	°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.