SIRALES® PE 7807.T

PRODUCT DATA SHEET RS/184.T/101701/2

Description

Carboxylated polyester resin for outdoor powder coatings.

Applications

Sirales[®] PE 7807.T, in combination with the hardener based on b-hydroalkylamides (ratio 95:5), makes achievable a industrial powder coating that have an high reactivity, with good mechanical properties as well as flow and resistances to overbaking.

The powder coatings based on Sirales[®] PE 7807.T are suitable for tribo application.

Curing cycles (real time) 10 ... 15 min. at 160°C.

15 ... 20 min. at 150°C.

Sales specification

Property	Value	Unit	Method
Acid number	30 - 38	mg KOH/gr	SIR 10328
Viscosity at 200°C (ICI cone	plate) $4000 - 7000$	mPa.s	SIR 10391
Colour (1)	3 max.	Sc. Gardner	ASTM D 1544

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

Typical Properties

Property	Value	Unit	Method
Glass transition temperature (Tg)	60	$^{\circ}\mathrm{C}$	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 (25°C max), the resin should have a stability of one year.

Safety

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

Further information 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.

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