SIRALES® PE 7817.T

PRODUCT
DATA SHEET
RS/267/061001/1

Description
Carboxylated polyester resin suitable for outdoor powder coatings.

Applications
SIRALES PE 7817.T is suitable for the production of outdoor powder coatings in combination with β – hydroxyalkylamide (ratio 95/5). It enables to obtain powder coatings with the following characteristics:

- optimal mechanical properties, with an excellent flow
- very high resistance to weather agents for architectural purposes
- low yellowing even with high temperature curing cycles
- very good tribochargeability.

Suggested curing cycles

(real time)	10…15 min. at 200 ° C
	15…20 min. at 180 ° C
	20…25 min. at 160 ° C

Sales specifications

Property	Value	Unit	Method
Acid number	30 – 38	mg KOH/gr	SIR 10328
Viscosity at 200°C (ICI cone plate)	2500 – 4500	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 (Tg)	55	°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 (not more than 25°C) 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 safety data sheet.

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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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