SIRALES® PE 8439.T

PRODUCT
DATA SHEET
RS/291/051401/1

Description

Carboxylated polyester resin, free from trimellitic anhydride, suitable for hybrid 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 8439.T is suggested in combination 70/30 p.b.w. with EPOSIR 7167 PG or 7175 PG and EPONAC 615 or 700, to manufacture powder coatings with high reactivity combined with good mechanical properties. Sirales® PE 8439.T is specifically designed to prepare texture finish coatings.
Powder coatings manufactured with Sirales® PE 8439.T are suitable for tribo gun applications.

Curing cycles (real time) 15 min. at 170°C
20 min. at 160°C

Sales specification

Property	Value	Unit	Method
Acid number	30 … 38	mg KOH/gr	SIR 10328
Viscosity at 200°C (ICI cone plate)	3000 … 6000	m.Pa.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	56	°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 information are provided in the relevant safety data sheet.