

SIRALES[®] PE 6310/F

PRODUCT DATA SHEET

RS/130/071505/1

Description

Hydroxylated polyester resin with 10% of flow agent, suitable for clear powder coatings.

Applications

SIRALES[®] PE 6310/F, used in a quantity from 5 to 9% in the powder, allow to have high clearness in the powders formulated with the typical hardeners used for thermoset varnish products: polyester- β -hydroxyalkylamide, polyester-TGIC, polyurethane and epoxy-polyester. Moreover, the particular formulation grants an excellent weathering resistance.

Sales specification

Property	Value	Unit	Method
Acid number	8 max.	mg KOH/g	SIR 10328
Viscosity ICI at 200°C	1500...4500	mPa.s	SIR 10391

Typical Properties

Property	Value	Unit	Method
Hydroxyl number	45	mg KOH/g	SIR 10299
Glass transition temperature (T _g)	54	°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.

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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