

SIRALES[®] PE 8440

PRODUCT
DATA SHEET
RS/086/071302/1

Description

Carboxylated polyester resin suitable for hybrid powder coatings, free from trimellitic anhydride.

Applications

SIRALES[®] PE 8440 is suggested in combination 70/30 p.b.w. with EPOSIR[®] 7178 PG, 7175 PG and EPONAC[®] 825, to manufacture powder coatings with high storage stability. Using SIRALES[®] PE 8440 it is possible to obtain powder coatings with very good gloss, good flow and high mechanical properties.

Curing cycle : 8 ... 12 min. at 200°C
(in real time) 10 ... 15 min. at 180°C.

Sales specification

Property	Value	Unit	Method
Acid number	32 ... 40	mg.KOH/gr	SIR 10328
Viscosity ICI at 200 °C	5000 ... 9000	mPa.s	SIR 10391
Colour [§]	3 max.	Sc. Gardner	ASTM D 1544

(§) Determinated on 50% m/m solution in dimetilformammide

Typical properties

Property	Value	Unit	Method
Glass transition temperature (Tg)	65	°C	ASTM D 3418

Supply form

Product is available as irregular flakes packed in 25 Kg polyethylene bags.

Storage

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) 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.