

SIRALES[®] PE 8225

PRODUCT DATA SHEET

RS/0138/120101/1

Description

Carboxylated polyester resin suitable for HYBRID powder coatings.

Applications

SIRALES[®] PE 8225 is suggested in combination 50/50 and/or 60/40 p.b.w. with EPOSIR[®] 7168 PG or 7175 PG and EPONAC[®] 615 or 825, to manufacture powder coatings with high reactivity combined with very good mechanical properties and flow.

Curing cycles (real time)

8 .. 12 min. at 180°C
15 .. 20 min. at 160°C

Sales specification

Property	Value	Unit	Method
Acid number	55 – 65	mgKOH/g r	SIR 103281
Viscosity at 200°C (ICI cone plate)	2000 – 4000	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	53	°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.

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.