SIRALES® PE 8423/FT	PRODUCT DATA SHEET RS/0122/100102/1

Description
Carboxylated polyester resin with approximately 2% acrylic flow agent, suitable for epoxy-polyester powder coatings.

Applications
SIRALES® PE 8423/FT is recommended to be used in coupling with EPOSIR® 7178 PG, 7175 PG and EPONAC® 825, in the weight ratio of 70/30, in order to obtain high reactivity powder coatings with high flow without using the common flow agents. Moreover, the resin SIRALES® PE 8423/FT grants a very good brightness together with high mechanical properties and very good storage stability.
The powders made using this product are suitable for tribostatic applications.

Curing cycles (real time) 10……..15 minutes at 180°C
15……..20 minutes at 160°C

Sales specification

Property	Value	Unit	Method
Acid number	30…38	mg KOH/g r	SIR 10328
Colour(℘)	3 max.	Sc. Gardner	ASTM D 1544
Viscosity ICI at 200°C	4000…7000	mPa.s	SIR 10391

(℘) Determined on 50% m/m on dimethylformamide

Typical Properties

Property	Value	Unit	Method
Glass transition temperature (T_g)	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 determinated.
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.