| SIRALES® PE 8220.T | PRODUCT DATA SHEET<br>RS/8220T/070601/1 |
|---|---|

**Description**
Carboxylated polyester resin suitable for hybrid powder coatings.

**Applications**
Sirales® PE 8220.T is suggested in combination 50/50 or 60/40 p.b.w. with EPOSIR® 7175 PG or EPONAC® 825, to manufacture powder coatings with very good flow and gloss, together with high flexibility.
Powder coatings manufactured with SIRALES® PE 8220.T are suitable for tribo gun applications.

**Curing cycles (real time)** 12 ... 15 min. at 200°C
15 ... 20 min. at 180°C

**Sales specification**

| Property | Value | Unit | Method |
|---|---|---|---|
| Acid number | 55 - 66 | mg KOH/gr | SIR 103281 |
| Viscosity ICI at 200°C | 2300 - 4000 | 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 (2) | 56 | °C | ASTM D 3418 |

(2) Determined on DSC (Perkin Elmer series 7) : 20°C/minute.

**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 (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 information are provided in the relevant safety data sheet.

SIRALES®, EPOSIR® and EPONAC®: 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.