

# SIRALES<sup>®</sup> PE 7910.T

PRODUCT DATA  
SHEET  
PROVISIONAL  
RS/170T/030401/1

## Description

Carboxylated polyester resin, suitable for outdoor powder coatings with good tribochargeability.

## Applications

The resin Siraless PE 7910.T is suitable for outdoor powder coating formulations with the hardener Araldit PT 910 in ratio PE : PT 910 = 93 : 7.

The formulations prepared using this resin show the following characteristics:

- good mechanical properties due to the high reactivity of the resin;
- very good flow;
- good outdoor resistance.

**Suggested curing cycles :** 10 ... 15 minutes at 190°C  
( real time ) 15 ... 20 minutes at 180°C.

## Sales specification

Property	Value	Unit	Method
Acid number	24 ... 30	mg KOH/gr	SIR 10328
Viscosity at 200°C (ICI cone plate)	7000 ... 10000	mPa.s	SIR 10391
Colour (1)	3 max.	Sc. Gardner	ASTM D 1544

(1) Determined on 50% m/m solution in dimethylformamide.

## Typical Properties

Property	Value	Unit	Method
Glass transition temperature (Tg)	66	°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 (25°C max), 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<sup>®</sup>: 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.