

PROSID[®] 411

PRODUCT
DATA SHEET
PROSID 411/122004/1

Description

Hardener based on β -hydroxyalkylamides suitable for production of outdoor powder coatings.

Applications

PROSID[®] 411, in combination with solid carboxylated polyester resins, allows to obtain powder coatings for outdoor. In combination with suitable polyester resin – ratio PE : hardener 95:5 when polyester resin has an acid number around 34 mg KOH/gr, for example – it is possible to obtain powder coatings with:

- high weather resistance;
- paint films with excellent flow and smoothness;
- curing temperature starting from 140°C

Sales specifications

Property	Value	Unit	Method
Melting range (capillary)	116 ... 126	°C	SIR 10000
Bulk density	0.65 ... 0.75	g/ml	SIR 10013
Weight loss	1 max	%	SIR 10004

Typical Properties

Property	Value	Unit	Method
Appearance	white solid grains with powder		SIR 10010
OH equivalent weight	84 ... 88	g / eq	calculated

Supply Form

Product is available as fine granules packed in 20 or 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 product 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.

PROSID[®]: 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.