

EPOSIR[®] 7165

PRODUCT
DATA SHEET
RE/7165/039701/1

Description

Low molecular weight Bisphenol A based solid Epoxy resin.

Applications

Eposir 7165 is suitable for:

- ◆ formulation of bicomponents paints, solvent borne, for both air or stoving curable systems in the anticorrosion field.
- ◆ formulation of Hybrid powder coatings in combination with carboxyl-terminated polyester resins.

Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	540 - 620	g/eq.	ISO 3001
Viscosity at 25°C (1)	G - M	Gardner Sc.	ASTM D 1545
Colour (1)	150 max.	Pt/Co Sc.	ASTM D 1209

(1) Determined on 40% m/m solution diethylenelycol-monobutylether .

Typical Properties

Property	Value	Unit	Method
Melting range	48 - 52	°C	SIR 10000
Glass transition temperature (2)	42	°C	ASTM D 3418
Viscosity at 150°C (ICI cone plate)	1300	mPa.s	

(2) Determinated 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 (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 advices are given in the safety data sheet.

Eposir[®]: 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.