

EPONAC[®] 3075

PRODUCT
DATA SHEET
RE/3075/019901/1

Description

High molecular weight Bisphenol A based solid epoxy resin.

Applications

Mainly used compounded with phenolic resins for the so-called technology of the “can-coating”. It gives excellent coatings with high thermal and chemical characteristics and a good adhesion. Furthermore, not being toxic, it is often used in contact with foodstuffs and hygienic items, as tinned foods, tooth paste and similar.

Sales Specifications

Property	Value	Unit	Method
Epoxy equivalent weight	2000 - 2800	g/eq.	ISO 3001
Viscosity at 25°C (1)	Z+1/2 – Z ₃	Gardner Sc.	ASTM D 1545
Colour (1)	200 max	Pt/Co Sc.	ASTM D 1209

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

Typical Properties

Property	Value	Unit	Method
Melting range	100 – 115	°C	SIR 10000
Glass transition temperature (2)	76	°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 kgs. 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 advises are given in the safety data sheet.

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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 materials and their uses.