EPONAC® 2065

PRODUCT
DATA SHEET
RE/2065/019901/1

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	1500 - 2000	g/eq.	ISO 3001
Viscosity at 25°C (1)	X - Z_1	Gardner Sc.	ASTM D 1545
Colour (1)	200 max	Pt/Co Sc.	ASTM D 1209

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

Typical Properties

Property	Value	Unit	Method
Melting range	90 - 105	°C	SIR 10000
Glass transition temperature (2)	72	°C	ASTM D 3418
Viscosity at 200°C (3)	6500	mPa.s	SIR 10391

(2) Determined on DSC (Perkin Elmer series 7) : 20°C/minute
(3) Viscosimeter ICI, Cone & Plate

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.