

# EPONAC<sup>®</sup> 700

PRODUCT  
DATA SHEET  
RE/700/019901/1

## Description

Medium molecular weight Bisphenol A based solid epoxy resin.

## Applications

Suitable for the formulation of pure epoxy powder coatings.

Used in combination with carboxyl-terminated polyester resins, it is particularly suitable for preparation of hybrid powder coatings with good gloss and flexibility.

## Sales Specifications

Property	Value	Unit	Method
Epoxy equivalent weight	700 - 760	g/eq.	ISO 3001
Viscosity at 25°C (1)	L - Q	Gardner Sc.	ASTM D 1545
Colour (1)	150 max	Pt/Co Sc.	ASTM D 1209

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

## Typical Properties

Property	Value	Unit	Method
Melting range	65 - 75	°C	SIR 10000
Glass transition temperature (2)	47	°C	ASTM D 3418
Viscosity at 150°C (3)	2800	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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