

# EPONAC<sup>®</sup> 2055

PRODUCT  
DATA SHEET  
RE/2055/019901/1

## 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	1300 – 1800	g/eq.	ISO 3001
Viscosity at 25°C (1)	W - Z	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	85 - 100	°C	SIR 10000
Glass transition temperature (2)	65	°C	ASTM D 3418
Viscosity at 200°C (3)	4500	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.

Eponac<sup>®</sup>:SIR INDUSTRIALE registered trade mark.

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