

EPONAC[®] 5007 HMP

PRODUCT
DATA SHEET
REC/5007HMP/020502/1

Description

Eponac 5007 HMP (high melting point), a low molecular weight Bisphenol A based solid epoxy resin, is a “type-1” epoxy with better resistance to sintering during storage. The performances of formulations made from this special grade are the same as those based on Eponac 5007.

Applications

Suitable for the manufacturing of solvent borne two-component air drying and stoving paints, in the anticorrosion field.

Sales Specifications

Property	Value	Unit	Method
Epoxy equivalent weight	500 - 550	g/eq.	ISO 3001
Viscosity at 25°C (1)	F – J	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	52 – 58	°C	SIR 10000
Glass transition temperature (2)	38	°C	ASTM D 3418

(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 direct sun light 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 harmful and no toxic effect has been determined.
Further advises are given in the safety data sheet.

Eponac[®]: 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 materials and their uses.