

# EPOSIR<sup>®</sup> 8103

PRODUCT DATA  
SHEET  
REM/8103/111701/1

## Description

Trimethylolpropane triglycidyl ether. Polyfunctional aliphatic reactive diluent for epoxy resins.

## Applications

Reactive diluent in epoxy resin systems.

## Sales specification (provisory)

Property	Value	Unit	Method
Epoxy equivalent weight	130 – 150	g.	ISO 3001
Viscosity at 25°C	120 – 200	mPa.s.	ASTM D 0445
Colour	2 max	Gardner Sc.	ASTM D 1544

## Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.15	g/cm <sup>3</sup>	ASTM D 1475

## Supply Form

- Drums - 220 Kg.

## Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays, at temperature ranging from 15 to 30°C. In these conditions it is stable for one year.

## Safety

The product is labelled as Irritant and we haven't noticed any toxic effects.  
Further advices are given in the safety data sheet.

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

N.B.: The data given in this brochure do not constitute characteristic properties of the single product.

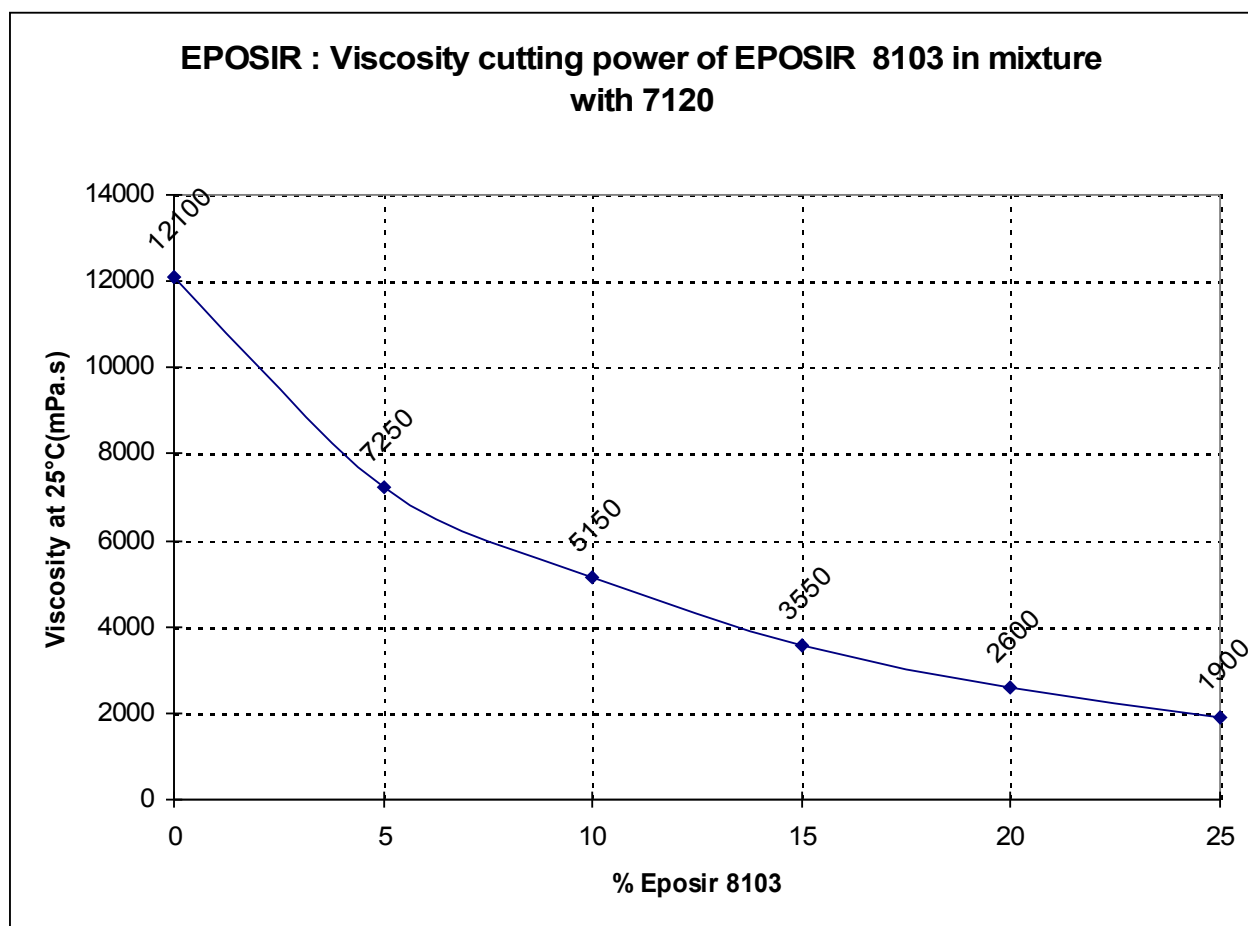
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However, any recommendations or suggestions are provided without any guarantee, since the conditions in which the products are used are not under our control. Furthermore, nothing contained in this brochure shall be interpreted as a recommendation for using the product in violation of any patents relating to the material and their uses.

## Application Characteristics

Eposir 8103 gives strength to epoxy products. Mixed together with Eposir 7120 exerts a high viscosity cutting power in the epoxy part of the formulation.

In the following graphic it is reported the viscosity trend measured at 25°C vs. the quantity of Eposir 8103 blended with Eposir 7120.



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