

Technical Data Sheet

Most recent revision date: March 2011

EPIKOTE™ Resin 877

Product Description

EPIKOTE Resin 877 is a low viscosity, aliphatic epoxy resin which has been developed to impart improved flexibility, where required, to EPIKOTE resin compositions.

Application Areas/Suggested Uses

It is used in the manufacturing of flexible castings for the electrical industry. Also used in civil engineering compositions including floorings, adhesives, mortars and grouts. The curing agents recommended for liquid EPIKOTE resins of bisphenol A or bisphenol F type may also be used to cure mixtures containing EPIKOTE 877

Benefits

- Low viscosity
- Imparts improved flexibility
- Imparts improved impact resistance
- Good compatibility with standard epoxies

Sales Specification

Property	Unit	Value	Test Method/Standard
Epoxy group content	mmol/kg	2940 – 3225	SMS 2026
Viscosity at 25°C	mPa.s*	40 – 90	ASTM D445
Colour	Pt-Co	250	ASTM D1209

* 1 mPa.s = 1 cPoise

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Typical Properties

Property	Unit	Target Value	Test Method/Standard
Epoxy Molar Mass	g/equivalent*	310 – 340	SMS 2026

* number of grams of resin containing 1 equivalent of epoxide (Weight per equivalent, WPE, is an alternative term).

Safety, Storage & Handling

Please refer to the MSDS for the most current Safety and Handling information.

EPIKOTE Resin 877 should be stored at room temperature in conditions such that moisture is excluded, in the original containers kept tightly closed. Under these conditions the shelf life should be a minimum of three years from date of certification.

Form Number

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