

Technical Data Sheet

Mintepox® YMR 820

Description reactively diluted, low-viscous bisphenol-A-epoxy resin

Properties and Fields of Application Mintepox® YMR 820 is a monofunctionally reactively diluted liquid epoxy resin based on bisphenol A. Due to its low viscosity it is used in combination with suited hardeners in ambient curing 2 pack epoxy systems, which can be highly filled and thus be cost-effective. Possible applications comprise solvent free coatings, casting binders, trowable screeds, putties, mortars and the like.

	<i>Property</i>	<i>lower limit</i>	<i>upper limit</i>	<i>Measuring Unit</i>	<i>Method of Determination</i>
Specification	Viscosity at 25 °C	600	900	mPas	ISO 3219
	Epoxy Equiv. Weight	190	210	g/eq.	DIN EN 1877-1
	FTIR comparison	PASS			
	Gardner Colour Index		2		ISO 4630-2
	Density at 23 °C	1.10	1.12	g/mL	ISO 2811-2
Characteristic Data		Value			
	Solid Content		100	w.-%	calculated

Storage At room temperature, the shelf life in original, unopened containers is at least 24 months. May crystallize if stored for long periods, especially at lower temperatures. Crystals can be removed without loss of quality by heating to 50-60 °C while stirring.

Occupational Safety When processing epoxy resins and hardeners, the usual precautionary and hygiene measures for handling chemicals as well as the applicable official occupational safety and environmental protection regulations must be observed. Particular attention must be paid to skin and eye protection and the selection of suitable protective gloves. Detailed information on hazards, labeling, occupational safety and environmental protection can be found in the product safety data sheet.

The information given in this technical data sheet is based on carefully executed tests and is intended to give orientation to the user. However, it is non-binding as we cannot take over any liability, also related to possible protective rights of third parties, due to the variety of treatments and applications.