

Technical Data Sheet

Mintepox® HMH 030

Description tertiary amine catalyst

Properties and Fields of Application Mintepox® HMH 030 is an effective catalyst in the curing of epoxy resins with polyamines, polyamides, polymercaptans and else epoxy hardeners. It can also be used as an homopolymerisation catalyst for the forced or heat-cure of epoxy resins alone, e.g in adhesives, electrical casting and composites applications. Usual usage quantities are between 2 and 10 w.-% related to the amount of hardener. The impact on reduction of pot-life has to be checked carefully!

	<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	120	250	mPas	ISO 3219
	Amine Value	600	630	mgKOH/g	DIN EN 1877-1
	FTIR comparison	PASS			
	Gardner Colour Index		7		ISO 4630-2
	Water Content		0.5	w.-%	Karl-Fischer
Characteristic Data		Value			
	Solid Content		100	w.-%	calculated
	Appearance	yellow to brown			visual
	Density at 23 °C	0.98		g/mL	ISO 2811-2

Storage At room temperature, the shelf life in original, unopened containers is at least 24 months. When packed in IBCs the tightness of the discharge valves has to be checked regularly!

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.