Technical Data Sheet

Mintepox® YMH 281

Description	formulated polyamidoamine free from alkyl phenols and benzyl alcohol
Properties and Fields of Application	Mintepox® YMH 281 is a low-viscous epoxy hardener based on a polyamidoamine. In combination with suited epoxy resins like e.g. Mintepox® YMR 612 it is intended for use in solvent-free epoxy systems for bonding and jointing tiles. These epoxy binders can be washed off with water and offer good resistance to a multitude of chemicals and excellent water-resistance.

	Property	lower limit	upper limit	Measuring Unit	Method of Determination
Specification	Viscosity at 25 °C	100	200	mPas	ISO 3219
	Amine Value	515	545	mgKOH/g	DIN EN 1877-1
	FTIR comparison	PASS			
	Gardner Colour Index		10		ISO 4630-2
	Density at 23 °C	0.94	0.96	g/mL	ISO 2811-2

		Value		
Characteristic Data	Active-H-Equiv. Weight	75	g/eq.	calculated
	Solid Content	100	w.-%	calculated

System Properties in combination with Mintepox® YMR 612	rec. Amount Hardener	40	g	per 100 g resin
	Initial Viscosity at 23 °C	ca. 700	mPas	ISO 3219
	Gel-Time	ca. 100	min	
	min. Curing Temp.	10	°C	
	Shore D a. 7 d r.t.	80		ISO 868

Storage	At room temperature, the shelf life in original, unopened containers is at least 24 months.
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.