MINTEPOX

Technical Data Sheet

Mintepox® YMH 488

Description

modified cycloaliphatic polyamine-adduct hardener

Properties and Fields of Application

Mintepox® YMH 488 is a low-viscous polyamine adduct hardener which is used in combination with suited epoxy resin blends for solvent-free 2-pack epoxy systems. Typical applications are self-levelling floorings, screeds and mortars, which even at low temperatures show good through-cure. The fully cured systems are tack-free and have good water-spotting and chemical resistance.

	Property	*lower limit*	*upper limit*	*Measuring Unit*	*Method of Determination*
Specification	Viscosity at 25 °C	250	350	mPas	ISO 3219
	Amine Value	280	340	mgKOH/g	DIN EN 1877-1
	FTIR comparison	PASS			
	Gardner Colour Index		3		ISO 4630-2
	Density at 23 °C	1.04	1.05	g/mL	ISO 2811-2
		Value			
Characteristic Data	Active-H-Equiv. Weight	93		g/eq.	calculated
	Solid Content	100		w.-%	calculated
System Properties in combination with Mintepox® YMR 612	rec. Amount Hardener	50		g	per 100 g resin
	Initial Viscosity at 23 °C	ca. 700		mPas	ISO 3219
	Gel-Time	ca. 50		min	
	min. Curing Temp.	8		°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.

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