

## Technical Data Sheet

### Mintepox® YMH 381

**Description** modified cycloaliphatic polyamine-adduct hardener  
free from alkyl phenols

**Properties and Fields of Application** Mintepox® YMH 381 is a cycloaliphatic adduct hardener which is used in combination with suited epoxy resin blends for epoxy coatings which can be used in contact with potable water and foodstuffs. Mintepox® YMH 381 offers an excellent resistance to UV-light.

	<i>Property</i>	<i>lower limit</i>	<i>upper limit</i>	<i>Measuring Unit</i>	<i>Method of Determination</i>
<b>Specification</b>	Viscosity at 25 °C	310	410	mPas	ISO 3219
	Amine Value	260	280	mgKOH/g	DIN EN 1877-1
	FTIR comparison	PASS			
	Gardner Colour Index		2		ISO 4630-2
	Density at 23 °C	1.03	1.05	g/mL	ISO 2811-2
<b>Characteristic Data</b>		Value			
	Active-H-Equiv. Weight		115	g/eq.	calculated
	Solid Content		100	w.-%	calculated
<b>System Properties</b> in combination with Mintepox® YMR 612	rec. Amount Hardener		60	g	per 100 g resin
	Initial Viscosity at 23 °C	ca. 600		mPas	ISO 3219
	Gel-Time	ca. 55		min	
	min. Curing Temp.	12		°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.