

# Curing Agent / Hardener

## CYMah AH-1919

### Technical Data Sheet

CYMah AH-1919 is a modified cycloaliphatic amine hardener, with low viscosity, low color, and good color stability for ambient curing of epoxy resins. It provides high glossy film with good resistance to a variety of chemicals.

Typical applications include self-leveling flooring, tank linings, mortar, and grouts.

#### Chemical Properties

<i>Property</i>	<i>Unit</i>	<i>Value</i>
Appearance	NA	Clear low viscosity liquid
Amine Value	mg KOH/g	260-290
Viscosity @ 25°C	CPS	250 - 450
Color	Gardner	1 (Max.)
Specific Gravity	NA	1.02 - 1.04
Active-H Equivalent Weight	NA	114

#### Handling Properties

<i>Property</i>	<i>Unit</i>	<i>Value</i>
Mix Ratio*	PHR	~60
Gel Time (100gr mix @ 25°C)	Min.	35 - 45
Peak Exotherm	°C	150
Surface Drying Time	Min.	170 - 180
Half Curing Time	Min.	290 - 300
Full Curing Time	Min.	350 - 360
Full Cure Schedule	Days	5 - 7

\* Bisphenol A epoxy resin (EEW 190)

#### Mechanical Properties

<i>Property</i>	<i>Unit</i>	<i>Value</i>
Tensile Strength	Kgf/cm <sup>2</sup>	370
Boding Strength	Kgf/cm <sup>2</sup>	740
Comprehensive Strength	Kgf/cm <sup>2</sup>	630
Shore D Hardness, 1 Day	NA	78
Shore D Hardness, 7 Day	NA	82

**Safety and Handling**

CYMah AH-1919 must be handled in accordance with good industrial practice. It should be handled with care, avoid unnecessary personal contact, wear proper protective gears, and avoid release to the environment.

Refer to material safety data sheet for more information.

**Package**

200 Kg net in new steel drum

**Shelf life**

1 year from the manufacturing date in properly stored original steel drum and properly stored.

The information provided here is correct to the best of our knowledge and for reference only. Buyers are responsible to determine the effectiveness of this product in their specific applications. The supplier does not make any recommendation as to its use.