



## **AHD 40 ULTRA CLEAR EPOXY RESIN** **CRYSTAL CLEAR CASTING RESIN**

### **PRODUCT INFORMATION :**

**RESIN**

**HARDENER**

**MIX RATIO**

**AHD40-RESIN**

**AHD 40- CLEAR HARDENER**

**100/25 (WEIGHT)**

Two component –any solvent ultra transparent casting type epoxy resin system .Suitable for all decorative application like furniture application ( clear epoxy table ), wood coating, epoxy resin cube ,3d floor covering, elektrical led system coating, gift of jewelery etc.

### **PROPERTIES :**

- Ultra transparent view
- Not any yellowing
- Cristal shine
- Extra UV
- Not any air bubbles
- Wonderful strenght
- Perfect surface flatness

### **TECHNICAL DETAILS ;**

High modulus un-filled epoxy system. The curing agent should be selected according to the application. The curing at room temperature plus the post-curing at moderate temperatures (50-60°C) allows high performance. Further stabilization at higher temperatures improves the thermal resistance of the components.

**SOLID VOLUME : % 100- APPLICATION DEGREE: 15-35 °C -**





## SYSTEM SPECIFICATIONS

### Resin

Viscosity	25°C	IO-10-50 (EN13702-2)	mPas	1.200	1.800
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### Hardener

Viscosity	25°C	IO-10-50 (EN13702-2)	mPas	10	15
Gelation time	25°C	IO-10-52a (UNI 8701)	Min.	240	360

### Resin

Colour				Ultra Clear
Density	25°C	IO-10-51 (ASTM D 1475)	g/ml	1,06-1,10

### Hardener

Colour				Ultra Clear
Viscosity	25°C	IO-10-50 (EN13702-2)	mPas	10 15
Density	25°C	IO-10-51 (ASTM D 1475)	g/ml	0,92-0,96

## TYPICAL SYSTEM CHARACTERISTICS

Mix Ratio		for 100 g resin	g	100:25
Pot life	25°C (50mm;200ml)	IO-10-53 (*)	Min.	120-150
Exothermic peak	25°C (50mm;200ml)	IO-10-53 (*)	°C	65
Gelation time	25°C (1mm)	IO-10-88	hour	4 6
Demoulding <Time	25°C (15ml;6mm)		hour	12-18

