



AHD 20 CLEAR EPOXY RESIN **CLEAR CASTING RESIN**

PRODUCT INFORMATION :

RESIN

HARDENER

MIX RATIO

AHD20-RESIN

AHD20-CLEAR HARDENER

100/50 (WEIGHT)

Two component –any solvent ultra transparent casting type epoxy resin system especially which is need more thickness like can cast 5 cm for all layer on average 20 degree , suitable for all decorative application like furniture clear epoxy table , wood coating , epoxy resin cube , electrical 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: 10-20 °C-





SYSTEM SPECIFICATIONS

Resin

Viscosity	20 °C	ID-10-50 (EN13702-2)	mPas	1.200	1.800
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Hardener

Viscosity	20 °C	ID-10-50 (EN13702-2)	mPas	10	15
Gelation time		ID-10-52a (UNI 8701)	Min.	240	360

Resin

Colour	20 °C			Ultra Clear
Density		ID-10-51 (ASTM D 1475)	g/ml	1,06-1,10

Hardener

Colour				Ultra Clear	
Viscosity	20 °C	ID-10-50 (EN13702-2)	mPas	10	15
Density		ID-10-51 (ASTM D 1475)	g/ml	0,96-0,98	

TYPICAL SYSTEM CHARACTERISTICS

Mix Ratio			for 100 g resin	g	100:50
Pot life	20 °C	(50mm;200ml)	ID-10-53 (*)	Min.	120-150
Exothermic peak	20 °C	(50mm;200ml)	ID-10-53 (*)	°C	60
Gelation time	20 °C	(1mm)	ID-10-58	hour	4 - 6
Demoulding <Time	20 °C	(15ml;6mm)		hour	24-36

