

# Ebalta AH 140 / LI 60

Epoxy; Epoxide  
Ebalta Kunststoff GmbH

Message:

Opened containers should be rapidly consumed, the hardener LI 60 tends to change in colour becoming brownish in contact with oxygen.

- Applications
- Vacuuminfusion of carbon- and glass fibre parts
  - Hand lay-up of carbon- and glass fibre parts
- Properties
- cures tack free
  - high heat resistance

General Information			
Features	General Purpose		
	High Heat Resistance		
	Tack Free		
Uses	General Purpose		
Appearance	Transparent - Slight Yellow		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore D)	83 to 87		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2750 to 3250	MPa	ISO 178
Flexural Stress	110 to 130	MPa	ISO 178
Compressive Stress	80.0 to 90.0	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	25 to 35	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	102 to 108	°C	ISO 75-2/B
Glass Transition Temperature	95.0	°C	DSC
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 35		
Resin	Mix Ratio by Weight: 100		
Post Cure Time			
60°C	4.0	hr	
80°C	6.0	hr	
120°C	4.0	hr	
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.10 to 1.14	g/cm³	
Viscosity (25°C)	0.53 to 0.68	Pa·s	

Curing Time (20°C)	20 to 24	hr
Pot Life <sup>1</sup> (20°C)	50 to 60	min
NOTE		
1.	200 g	

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#### Recommended distributors for this material

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