

# Ebalta AH 100 / SR

Epoxy; Epoxide  
Ebalta Kunststoff GmbH

Message:

Applications  
Laminating resin for fabrics  
bondings  
Properties  
unfilled  
fast curing

General Information			
Features	Fast Cure		
	General Purpose		
Uses	Bonding		
	General Purpose		
	Laminates		
Appearance	Transparent - Slight Yellow		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore D)	82 to 88		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	3000 to 3600	MPa	ISO 178
Flexural Stress	110 to 130	MPa	ISO 178
Compressive Stress	90.0 to 110	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	25 to 45	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	67.0 to 71.0	°C	ISO 75-2/B
Glass Transition Temperature	107	°C	DSC
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 21		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.08 to 1.18	g/cm <sup>3</sup>	
Viscosity (25°C)	0.85 to 1.1	Pa · s	
Curing Time (20°C)	5.0 to 7.0	hr	
Pot Life <sup>1</sup> (20°C)	15 to 20	min	
NOTE			

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#### Recommended distributors for this material

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