

# Ebalta AH 120 / SR

Epoxy; Epoxide  
Ebalta Kunststoff GmbH

Message:  
Applications  
Laminating resin for fabrics  
Properties  
thin laminates  
good heat resistance  
short potlife  
unfilled

General Information			
Features	General Purpose		
	Medium Heat Resistance		
Uses	General Purpose		
	Laminates		
Appearance	Transparent - Slight Yellow		
Hardness	Nominal Value	Test Method	
Shore Hardness (Shore D)	78 to 84	ISO 7619	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	3300 to 3900	MPa	ISO 178
Flexural Stress	120 to 140	MPa	ISO 178
Compressive Stress	95.0 to 115	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	46 to 66	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0 to 91.0	°C	ISO 75-2/B
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 23		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.10 to 1.14	g/cm <sup>3</sup>	
Viscosity (25°C)	1.2 to 1.5	Pa · s	
Curing Time (20°C)	8.0 to 10	hr	
Pot Life <sup>1</sup> (20°C)	16 to 18	min	
NOTE			
1.	200 g		

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