

Ebalta AH 120 / TGL

Epoxy; Epoxide
Ebalta Kunststoff GmbH

Message:

- Applications
Laminating resin also for heavy fabrics/bonded fabrics
Vehicle construction
Aircraft construction
Properties
unfilled
low viscosity
thin laminates
high heat resistance

General Information			
Features	High Heat Resistance		
	Low Viscosity		
Uses	Aircraft Applications		
	Automotive Applications		
	Laminates		
Appearance	White		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore D)	85 to 89		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2950 to 3450	MPa	ISO 178
Flexural Stress	115 to 135	MPa	ISO 178
Compressive Stress	100 to 120	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	40 to 50	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	94.0 to 100	°C	ISO 75-2/B
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 22		
Resin	Mix Ratio by Weight: 100		
Post Cure Time			
60°C	6.0 to 8.0	hr	
90°C	3.0 to 5.0	hr	
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.10 to 1.14	g/cm³	

Viscosity (25°C)	0.57 to 0.67	Pa·s
Curing Time (20°C)	18 to 24	hr
Pot Life ¹ (20°C)	60 to 70	min

NOTE

1. 200 g

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