

Ebalta AH 110 / TG

Epoxy; Epoxide
Ebalta Kunststoff GmbH

Message:

- Applications
- Laminating resin for fabrics
- Bonding resin for fillers
- Properties
- unfilled
- high strength
- high heat resistance

General Information			
Features	General Purpose		
	High Heat Resistance		
	High Strength		
Uses	Bonding		
	General Purpose		
	Laminates		
Appearance	Transparent - Slight Yellow		
Processing Method	Casting		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore D)	82 to 88		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	3050 to 3650	MPa	ISO 178
Flexural Stress	125 to 145	MPa	ISO 178
Compressive Stress	85.0 to 105	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	20 to 40	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Martens Temperature	87 to 93	°C	DIN 53458
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 22		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.11 to 1.15	g/cm ³	
Viscosity (25°C)	1.7 to 2.2	Pa · s	
Curing Time (20°C)	10 to 17	hr	
Pot Life ¹ (20°C)	35 to 40	min	

NOTE

1. 200 g

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