

Ebalta LH 22 / GR

Epoxy; Epoxide
Ebalta Kunststoff GmbH

Message:

- Applications
- Control gauges
- Laminate molds
- Fixtures
- Foundry patterns
- Properties
- dimensionally accurate
- shorter potlife
- low exothermic character

General Information			
Features	Low Exotherm		
Uses	Laminates		
Appearance	White		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore D)	84 to 90		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	4150 to 4450	MPa	ISO 178
Flexural Stress	95.0 to 115	MPa	ISO 178
Compressive Stress	101 to 103	MPa	ISO 604
Flexural Strain at Flexural Strength	3.0 to 3.8	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	13 to 20	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	63.0 to 67.0	°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)	1.32 to 1.38	g/cm³	
Viscosity (25°C)	1.1 to 1.5	Pa · s	
Curing Time (20°C)	12 to 16	hr	
Pot Life ¹ (20°C)	25 to 30	min	
NOTE			
1.	200 g		

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