

Ebalta GH 767 / GL

Epoxy; Epoxide
Ebalta Kunststoff GmbH

Message:

ebalta GH 767/GL is a two-components epoxy resin which cures at room temperature.
Due to its good castability this product is versatile.
With our skin friendly hardener GL you get casting thicknesses of 40-50 mm.

Applications

Foundry patterns

Core boxes

Pattern plates

Negatives

Control castings

Mould probes for trimming of prototypes

Samples

Properties

workable

castable up to 50 mm

dimensionally stable

General Information			
Features	Good Dimensional Stability		
Uses	Molds/Dies/Tools		
Appearance	Green		
Processing Method	Casting		
Hardness	Nominal Value	Test Method	
Shore Hardness (Shore D)	87 to 93	ISO 7619	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	6850 to 7650	MPa	ISO 178
Flexural Stress	50.0 to 60.0	MPa	ISO 178
Compressive Stress	90.0 to 100	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	3.1 to 5.1	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Martens Temperature	39 to 43	°C	DIN 53458
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 8.0		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.90 to 2.10	g/cm ³	
Viscosity (25°C)	4.0 to 5.0	Pa · s	
Curing Time (20°C)	12 to 16	hr	
Pot Life ¹ (20°C)	25 to 35	min	
NOTE			

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