Ebalta AH 110 / GL

Epoxy; Epoxide

Ebalta Kunststoff GmbH

Message:

AH 110/GL is an epoxy resin with high strength even on elevated temperatures. It can be used as a casting resin with powdery fillers like aluminium powder, as a laminating resin with fibre glass cloth and as a bonding resin for granular fillers like aluminium granules. Depending on the application you can choose from a variety of hardeners. Applications Laminating resin for fabrics Bonding resin for fillers Properties

- unfilled
- high strength

nearly odourless

General Intornation Features General Purpose High Strength Low to No Odor Uses Bonding General Purpose Laminates Apperance Transparent - Slight Yellow Processing Method Casting Processing Method Casting Shore Hardness (Shore D) 81 to 87 Mechanical Nominal Value Processing Method 200 to 3800 Mechanical Nominal Value Processing Method 150 to 178 Flexural Modulus 200 to 3800 Processing Method 150 to 178 Compressive Stress 95.0 to 115 MPa 50 to 178 Charpy Unnotched Impact Strength 15 to 35 M/m ² 150 d50 Impact Nominal Value Unit Test Method Charpy Unnotched Impact Strength 15 to 35 M/m ² 150 d50 Thermost Nominal Value Unit Test Method Martens Temperature 64 to 70 "C DIN 53458 Thermost Mix Ratio by Weight; 32 Test Method Martens Temperature	2			
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Density (20°C) 1.11 to 1.15 g/cm ³	Resin	Mix Ratio by Weight: 100		
	Uncured Properties	Nominal Value	Unit	
Viscosity (25°C) 1.3 to 1.6 Pa·s	Density (20°C)	1.11 to 1.15	g/cm³	
	Viscosity (25°C)	1.3 to 1.6	Pa·s	

Curing Time (20°C)	12 to 14	hr	
Pot Life ¹ (20°C)	40 to 50	min	
NOTE			
1.	200 g		

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