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 Information			
Features	General Purpose High Strength Low to No Odor		
Uses	Bonding General Purpose Laminates		
Appearance	Transparent - Slight Yellow		
Processing Method	Casting		
Hardness	**Nominal Value**		**Test Method**
Shore Hardness (Shore D)	81 to 87		ISO 7619
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus	3200 to 3800	MPa	ISO 178
Flexural Stress	125 to 145	MPa	ISO 178
Compressive Stress	95.0 to 115	MPa	ISO 604
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Unnotched Impact Strength	15 to 35	kJ/m^2	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Martens Temperature	64 to 70	°C	DIN 53458
Thermoset	**Nominal Value**	**Unit**	
Thermoset Components			
Hardener	Mix Ratio by Weight: 32		
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)	1.3 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	

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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