Ebalta AH 140 / LI 130-2

Epoxy; Epoxide

Ebalta Kunststoff GmbH

Message:

Applications
Hand lay-up of carbon- and glass fibre parts
Vacuuminfusion of carbon- and glass fibre parts
Properties
cures tack free
high heat resistance
long processing time

General Information			
Features	General Purpose High Heat Resistance Tack Free		
Uses	General Purpose		
Appearance	Transparent - Slight Yellow		
Hardness	**Nominal Value**		**Test Method**
Shore Hardness (Shore D)	83 to 87		ISO 7619
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus	2610 to 3110	MPa	ISO 178
Flexural Stress	107 to 127	MPa	ISO 178
Compressive Stress	90.0 to 100	MPa	ISO 604
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Unnotched Impact Strength	25 to 35	kJ/m^2	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	104 to 110	°C	ISO 75-2/B
Glass Transition Temperature	100	°C	DSC
Thermoset	**Nominal Value**	**Unit**	
Thermoset Components			
Hardener	Mix Ratio by Weight: 35		
Resin	Mix Ratio by Weight: 100		
Post Cure Time			
60°C	4.0	hr	
80°C	6.0	hr	
120°C	4.0	hr	
Uncured Properties	**Nominal Value**	**Unit**	
Density (20°C)	1.10 to 1.14	g/cm^3	
Viscosity (25°C)	0.48 to 0.63	Pa·s	

Curing Time (20°C)	40 to 48	hr
Pot Life [1] (20°C)	120 to 140	min

NOTE	
1.	200 g

Recommended distributors for this material

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