Ebalta AH 140 / TC 60

Epoxy; Epoxide

Ebalta Kunststoff GmbH

Message:

Applications
Hand laminating
Vacuum infusion
carbon fibre sight laminates
Laminates for boatbuilding
Laminates for automotive industry
Laminates for aeronautic
Properties
low viscosity
good curing at room temperature
high strength
high heat resistance
excellent wet-out characteristics

General Information			
Features	High Heat Resistance High Strength Low Viscosity		
Uses	Aircraft Applications Automotive Applications Laminates		
Appearance	Transparent - Slight Yellow		
Hardness	**Nominal Value**		**Test Method**
Shore Hardness (Shore D)	83 to 89		ISO 7619
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus	2600 to 3200	MPa	ISO 178
Flexural Stress	110 to 130	MPa	ISO 178
Compressive Stress	77.0 to 93.0	MPa	ISO 604
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Unnotched Impact Strength	42 to 58	kJ/m^2	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	94.0 to 100	°C	ISO 75-2/B
Glass Transition Temperature	93.0	°C	DSC
Thermoset	**Nominal Value**	**Unit**	
Thermoset Components			
Hardener	Mix Ratio by Weight: 30		
Resin	Mix Ratio by Weight: 100		

Post Cure Time		
60°C	4.0 to 6.0	hr
80°C	5.0 to 6.0	hr
Uncured Properties	**Nominal Value**	**Unit**
Density (20°C)	1.08 to 1.12	g/cm^3
Viscosity (25°C)	0.53 to 0.68	Pa·s
Curing Time (20°C)	22 to 26	hr
Pot Life [1] (20°C)	55 to 65	min
NOTE		
1.	200 g	

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China