

# Ebalta AH 100 / TGL

Epoxy; Epoxide

Ebalta Kunststoff GmbH

## Message:

ebalta AH 100 is a very thin, unfilled epoxy resin, which can be used with different hardeners. Depending on the application the suitable hardener can be mixed with the resin AH 100.

AH 100 / TGL is preferentially used for big volume backfillings.

### Applications

Laminating resin for fabrics

Bonding resin for fillers

### Properties

unfilled

slow curing

for large volume back fillings

General Information			
Features	General Purpose		
Uses	Bonding		
	General Purpose		
	Laminates		
Appearance	Transparent - Slight Yellow		
Hardness	Nominal Value	Test Method	
Shore Hardness (Shore D)	84 to 90	ISO 7619	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2800 to 3200	MPa	ISO 178
Flexural Stress	100 to 110	MPa	ISO 178
Compressive Stress	92.0 to 108	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	27 to 47	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	74.0 to 78.0	°C	ISO 75-2/B
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 20		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.10 to 1.14	g/cm <sup>3</sup>	
Viscosity (25°C)	0.45 to 0.65	Pa · s	
Curing Time (20°C)	18 to 20	hr	
Pot Life <sup>1</sup> (20°C)	65 to 75	min	
NOTE			

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#### 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

