

# Ebalta AH 100 / D

Epoxy; Epoxide  
Ebalta Kunststoff GmbH

Message:

Applications  
Bonding resin for fillers  
Bonding resin for backfillings  
Properties  
unfilled  
extreme low viscosity  
high filler content possible

General Information			
Features	General Purpose		
	Low Viscosity		
Uses	Bonding		
	General Purpose		
Appearance	Transparent - Slight Yellow		
Hardness	Nominal Value	Test Method	
Shore Hardness (Shore D)	79 to 85	ISO 7619	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2700 to 3100	MPa	ISO 178
Flexural Stress	90.0 to 100	MPa	ISO 178
Compressive Stress	75.0 to 85.0	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	38 to 58	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Martens Temperature	45 to 49	°C	DIN 53458
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 19		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	0.980 to 1.02	g/cm <sup>3</sup>	
Viscosity (25°C)	0.15 to 0.25	Pa · s	
Curing Time (20°C)	14 to 16	hr	
Pot Life <sup>1</sup> (20°C)	45 to 55	min	
NOTE			
1.	200 g		

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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

