

Ebalta SG 241 / Comp. A+B

Polyurethane
Ebalta Kunststoff GmbH

Message:

This is a Polyurethane system.
Material should be carefully stirred up/shaked before use.
Filler content and sales units are on the separate mixing table noted.

- Applications
- Vacuum forming tools
 - Prototypes
 - fixtures
 - Negatives
 - Foundry patterns
 - Core boxes
- Properties
- high heat resistance
 - long processing time
 - low viscosity
 - unfilled

General Information			
Features	Fast Cure		
	High Heat Resistance		
	Low Viscosity		
Uses	Prototyping		
Appearance	Blue		
Processing Method	Casting		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore D)	71 to 75		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1350 to 1650	MPa	ISO 178
Flexural Stress	55.0 to 65.0	MPa	ISO 178
Compressive Stress	42.0 to 52.0	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	14 to 20	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	99.0 to 105	°C	ISO 75-2/B
Thermoset	Nominal Value	Unit	
Thermoset Components			
Mix Ratio by Volume: 89			
Hardener	Mix Ratio by Weight: 100		

Mix Ratio by Weight: 100

Resin	Mix Ratio by Volume: 100	
Uncured Properties	Nominal Value	Unit
Density (20°C)	1.06 to 1.10	g/cm ³
Viscosity (25°C)	0.10 to 0.14	Pa·s
Curing Time (20°C)	1.5 to 2.0	hr
Pot Life ¹ (20°C)	7.0 to 13	min
NOTE		
1.	200 g	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

