

Ebalta SG 130 L / PUR 11

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
Mould probes for trimming of prototypes
Pattern plates
Foundry patterns
Core boxes
Control castings
Coping models
Negatives
Prototypes
Properties
unfilled
longer processing time
high strength

General Information			
Features	Fast Cure		
	High Strength		
Uses	Prototyping		
Appearance	Ivory		
Processing Method	Casting		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore D)	65 to 69		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	900 to 1100	MPa	ISO 178
Flexural Stress	37.0 to 43.0	MPa	ISO 178
Compressive Stress	31.0 to 37.0	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	16 to 24	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Martens Temperature	40 to 46	°C	DIN 53458
Thermoset	Nominal Value	Unit	
Thermoset Components			
Mix Ratio by Volume: 91			
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)	1.10	g/cm ³
Viscosity (25°C)	0.050 to 0.10	Pa·s
Curing Time (20°C)	0.50 to 1.5	hr
Pot Life ¹ (20°C)	5.0 to 7.0	min
NOTE		
1.	200 g	

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