

Ebalta MG 804 GF / MG 804-1

Polyurethane

Ebalta Kunststoff GmbH

Message:

This product is a polyurethane system.

The processing is preferably made in customary vacuum pouring plant.

Manual processing possible.

Maximum wall thicknesses of the parts: from 5 - 10 mm.

Applications

High quality prototypes, like ABS

High quality prototypes, like PA

Properties

long potlife

well castable

excellent dissolving

easily dyeable

low aggressiveness against silicones

General Information			
Features	Good Colorability		
Uses	Prototyping		
Appearance	White		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage	0.10	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	78 to 82		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	44.0 to 60.0	MPa	ISO 527-2
Tensile Strain (Break)	10 to 14	%	ISO 527-2
Flexural Modulus	4000 to 4800	MPa	ISO 178
Flexural Stress	80.0 to 90.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	11 to 15	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	73.0 to 79.0	°C	ISO 75-2/B
Glass Transition Temperature	82.0	°C	TMA
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 50		
Resin	Mix Ratio by Weight: 100		
Post Cure Time (60°C)	4.0	hr	
Uncured Properties	Nominal Value	Unit	

Density (20°C)	1.33 to 1.37	g/cm ³
Curing Time (60°C)	0.75 to 1.0	hr
Pot Life ¹ (20°C)	7.0 to 9.0	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

