

Ebalta MG 426 / Comp. A+B

Polyurethane

Ebalta Kunststoff GmbH

Message:

ebalta MG 426 is processed on a two-component low pressure device.

After grinding with a sand paper , grit 280, the surface can be varnished with a commercial lacquer. For better adhesion we recommend the use of a primer coat. Nitrocellulose lacquers have a better adhesion on polyurethane surfaces than on acryl-lacquer-systems.

Applications

Functional parts automotive field

Functional parts EDP field

Prototyping parts EDP field

Prototypes in the automotive field

Cladding parts automotive field

Cladding parts EDP field

Properties

casting of thick wall thicknesses possible

good impact strength

General Information			
Features	Good Impact Resistance		
Uses	Automotive Applications		
	Prototyping		
	Thick-walled Parts		
Appearance	Black		
Processing Method	Casting		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore D)	78 to 82		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2090 to 2290	MPa	ISO 178
Flexural Stress	80.0 to 90.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	39 to 45	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	92.0 to 98.0	°C	ISO 75-2/B
Thermoset	Nominal Value	Unit	
Thermoset Components			
	Mix Ratio by Volume: 89		
Hardener	Mix Ratio by Weight: 100		

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Resin	Mix Ratio by Volume: 100	
Post Cure Time (60°C)	6.0 to 8.0	hr
Uncured Properties	Nominal Value	Unit
Density (20°C)	1.15 to 1.19	g/cm ³
Viscosity (25°C)	0.60 to 0.80	Pa·s
Curing Time (20°C)	1.5 to 2.0	hr
Pot Life (20°C)	2.5 to 2.7	min

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