

Ebalta MG 709-20 / Comp. A+B

Polyurethane
Ebalta Kunststoff GmbH

Message:

Our product MG 709 is a crystal clear UV stabilized 2-components polyurethane casting compound with different potlives curing at room temperature. Processing preferentially in customary vacuum pouring plants.
For parts with thicker wall thicknesses and longer potlife we recommend MG 709-120. For parts with thinner wall thicknesses and shorter potlife we recommend MG 709-9. Further data sheets MG 709-9 / MG 709-120.

- Applications
- In the automotive field
 - Domestic articles
 - Consumer goods
 - Lenses
 - Decoration stuff
 - Jewelery imitation
- Properties
- UV-stable
 - crystal clear
 - castable up to 75 mm

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
Uses	Automotive Applications		
	Consumer Applications		
	Decorative Parts		
	Lenses		
Appearance	Clear/Transparent		
Processing Method	Casting		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore D)	77 to 83		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2000 to 2300	MPa	ISO 178
Flexural Stress	63.0 to 73.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	57 to 77	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	54.0 to 58.0	°C	ISO 75-2/B
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 90		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	

Density (20°C)	1.02 to 1.06	g/cm ³
Viscosity (25°C)	0.35 to 0.55	Pa·s
Curing Time (20°C)	12 to 16	hr
Pot Life ¹ (20°C)	15 to 20	min
NOTE		
1.	200 g	

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