

Ebalta MG 709-9 / 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 709-20 or MG 709-120. Further data sheets MG 709-20 / 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 15 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/cm³ | |

| | | |
|------------------------------|--------------|------|
| Viscosity (25°C) | 0.35 to 0.55 | Pa·s |
| Curing Time (20°C) | 2.0 to 3.0 | hr |
| Pot Life ¹ (20°C) | 8.0 to 12 | min |

NOTE

1. 200 g

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