

Ebalta GM 726 / PUR 4

Polyurethane
Ebalta Kunststoff GmbH

Message:

GM 726 contains fillers, which to a certain extent and depending on storage temperatures tend to sedimentation. For this reason before mixing careful stirring is essential.

This product is a polyurethane system.

Applications

fixtures

Pattern plates

Foundry patterns

Control castings

Negatives

Properties

thick castable

well workable

high strength

long potlife

General Information			
Filler / Reinforcement	Filler		
Features	High Strength		
Appearance	Beige		
Processing Method	Casting		
Hardness	Nominal Value	Test Method	
Shore Hardness (Shore D)	82 to 88	ISO 7619	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	6450 to 6550	MPa	ISO 178
Flexural Stress	55.0 to 65.0	MPa	ISO 178
Compressive Stress	75.0 to 85.0	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	4.5 to 5.5	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	47.0 to 51.0	°C	ISO 75-2/B
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 20		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.61 to 1.71	g/cm ³	
Viscosity (25°C)	2.5 to 3.5	Pa · s	
Curing Time (20°C)	16 to 24	hr	
Pot Life ¹ (20°C)	45 to 60	min	
NOTE			

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