

# Ebalta GM 973 / Comp. A+B

Polyurethane  
Ebalta Kunststoff GmbH

Message:

The product is a Polyurethane system.  
For improving of the flow characteristics, GM 973 can be preheated to approx. 30°C.  
The final strength is achieved at room temperature after approx. 3-5 days.  
By post-curing at 80°C for 5 hours the stated values are achieved in short time.  
Parts / moulds must not be cast with addition curing silicone, since this might lead to faulty reactions when curing the silicone.

- Applications
- Flexible parts
- fixtures
- Properties
- shore A hardness 90
- high tear strength
- well castable
- flexible
- dyeable

General Information			
Features	Good Colorability		
	Good Flexibility		
	High Strength		
Appearance	Beige		
Processing Method	Casting		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore A)	87 to 93		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	14.0 to 18.0	MPa	ISO 527-2
Tensile Strain (Break)	500 to 600	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	50 to 60	kN/m	ISO 34-1
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 15		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.06 to 1.10	g/cm³	
Viscosity (25°C)	4.0 to 5.0	Pa · s	
Curing Time (20°C)	12 to 16	hr	
Pot Life <sup>1</sup> (20°C)	12 to 15	min	
NOTE			
1.	200 g		

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