

# Ebalta GM 972 / PUR 11

Polyurethane  
Ebalta Kunststoff GmbH

Message:

The product is a Polyurethane system.  
With the additive DT the casting resin GM 972 can also be used as a brushable and past-like surface resin.  
We recommend 10-12 g additive DT per 1,000 kg.  
When using GM 972 with a lower shore hardness we recommend the hardener PUR 11 (shore hardness: shore A 86 ± 3).

- Applications
- elastic component
  - Vacuum casting parts
  - Casting mould for gypsum
  - Casting mould for plastic
  - Casting mould for wax
  - Casting mould for PU-foam
- fixtures
- Properties
- Shore A hardness 78
  - well castable
  - high strength
  - cold flexible
  - easily dyeable

General Information			
Features	Good Colorability		
	Good Flexibility		
	High Strength		
	Low Temperature Flexibility		
Uses	Molds/Dies/Tools		
Appearance	Beige		
Processing Method	Casting		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore A)	75 to 81		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	8.50 to 10.5	MPa	ISO 527-2
Tensile Strain (Break)	470 to 630	%	ISO 527-2
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 60		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.08 to 1.12	g/cm³	
Curing Time (20°C)	3.0 to 5.0	hr	
Pot Life <sup>1</sup> (20°C)	6.0 to 8.0	min	
NOTE			

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

