

# Ebalta GM 960 / Comp. A+B

Polyurethane  
Ebalta Kunststoff GmbH

Message:

GM 960 is a flexible polyurethane casting compound, which was especially developed for applications requiring absolute clarity and UV-stability (no yellowing, light darkening possible). By adding adequate pigments brilliant colours and colour effects can be achieved To avoid curing interferences (condensation-curing silicones) have to be free of evaporation.  
Processing preferably in vacuum casting plants.

Applications

Crystal clear mould

Reproduction of models

Decorative casting

Special effects

Prototypes

Properties

UV-stable

max. temperature of applicaton about 80°C

colour effects by additon of pigments

General Information			
Features	Good Flexibility		
	Good UV Resistance		
	High Clarity		
Uses	Decorative Parts		
	Prototyping		
Appearance	Clear/Transparent		
Processing Method	Casting		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore A)	47 to 53		ISO 7619
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	1.50 to 1.90	MPa	ISO 527-2
Tensile Strain (Break)	> 100	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	4.5 to 4.6	kN/m	ISO 34-1
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Weight: 50		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.02 to 1.06	g/cm³	
Viscosity (25°C)	0.20 to 0.30	Pa · s	
Curing Time (20°C)	16 to 18	hr	

Pot Life <sup>1</sup> (20°C)	20 to 30	min
NOTE		
1.	200 g	

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