

# Ebalta GM 955-55 / Comp. A+B

Polyurethane  
Ebalta Kunststoff GmbH

Message:

This product is a polyurethane system.  
If the product is cured at room temperature, no entire chemical and mechanical load before 7 days after curing.  
The product can be subject to colour variations due to raw materials, but these colour variations have no influence on the quality and the properties of the product.

Applications

Casting moulds for concrete  
Casting mould for cement  
Casting mould for gypsum

Properties

shore A hardness about 55  
excellent flow properties  
good tear propagation resistance  
fast demolding  
low absorption  
good chemical resistance  
good degasing

General Information			
Features	Good Chemical Resistance		
	Good Flexibility		
	High Flow		
Uses	Molds/Dies/Tools		
Appearance	Red		
Processing Method	Casting		
Hardness	Nominal Value		Test Method
Shore Hardness (Shore A)	52 to 58		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (Yield)	3.30 to 4.30	MPa	ISO 37
Tensile Elongation <sup>2</sup> (Break)	360 to 440	%	ISO 37
Tear Strength			ISO 34-1
1.00 mm <sup>3</sup>	17 to 19	kN/m	
1.00 mm <sup>4</sup>	5.5 to 6.5	kN/m	
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 13		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.24 to 1.30	g/cm <sup>3</sup>	
Viscosity (25°C)	3.9 to 4.9	Pa · s	
Curing Time (20°C)	6.0 to 20	hr	

Pot Life <sup>5</sup> (20°C)	20 to 30	min
NOTE		
1.	Type 2	
2.	Type 2	
3.	Arch shaped test piece without incision	
4.	Arch shaped test piece with incision	
5.	200 g	

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#### Recommended distributors for this material

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