

Ebalta GM 955-40 / 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 gypsum
- Casting mould for cement

Properties

- shore A hardness approx. 40
- 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)	40 to 46		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (Yield)	2.50 to 3.50	MPa	ISO 37
Tensile Elongation ² (Break)	550 to 630	%	ISO 37
Tear Strength			ISO 34-1
1.00 mm ³	15 to 17	kN/m	
1.00 mm ⁴	5.5 to 6.5	kN/m	
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 11		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.24 to 1.30	g/cm ³	
Viscosity (25°C)	3.3 to 4.3	Pa · s	
Curing Time (20°C)	6.0 to 20	hr	

Pot Life ⁵ (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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