

Ebalta GM 958 / Comp. A+B

Polyurethane
Ebalta Kunststoff GmbH

Message:

This product is a Polyurethane system
If the product is cured at room temperature exposure to full chemical and mechanical influences only after 7 days.

- Applications
- Casting moulds for concrete
 - Casting mould for cement
 - Casting mould for ceramic materials
 - Casting mould for wax
 - Casting mould for gypsum
 - Casting mould for plastic
 - Prototypes with rubber-like properties
- Properties
- shore A hardness 60
 - very low water absorption
 - excellent flow properties
 - good tear propagation resistance

General Information			
Features	High Flow		
	Low to No Water Absorption		
Uses	Molds/Dies/Tools		
	Prototyping		
Appearance	Red		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Water Absorption ¹ (Equilibrium)	2.4	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	57 to 63		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (Yield)	4.70 to 6.30	MPa	ISO 37
Tensile Elongation ³ (Break)	1100 to 1400	%	ISO 37
Tear Strength			ISO 34-1
1.00 mm ⁴	34 to 40	kN/m	
1.00 mm ⁵	8.2 to 10	kN/m	
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.06 to 1.10	g/cm ³	

Viscosity (25°C)	1.2 to 1.9	Pa·s
Curing Time (20°C)	20 to 24	hr
Pot Life ⁶ (20°C)	20 to 30	min


NOTE		
1.	35 - 40°C 63 d	
2.	Type 2	
3.	Type 2	
4.	Arch shaped test piece without incision	
5.	Arch shaped test piece with incision	
6.	200 g	

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