

Ebalta PU 20 Casting Foam / Comp. A+B

Polyurethane

Ebalta Kunststoff GmbH

Message:

This product is a polyurethane system.

If required special formulations for density between 0,1 g/cm³ and 0,5 g/cm³ possible.

Applications

Styling models

Laminate molds

Base constructions

Negatives

Properties

density 200 g/l

good milling

very good surface structure

easy to machine

very good flowability

good heat resistance

General Information			
Features	Foamable		
	Good Flow		
	Machinable		
	Medium Heat Resistance		
Uses	Foam		
	Molds/Dies/Tools		
Appearance	Beige		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.180 to 0.220	g/cm ³	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 7619
Shore A	70 to 75		
Shore D	18 to 22		
Mechanical	Nominal Value	Unit	Test Method
Compressive Stress	2.30 to 2.50	MPa	ISO 604
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	51.0 to 53.0	°C	ISO 75-2/B
CLTE - Flow	7.7E-5	cm/cm/°C	DIN 53752
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 80		

Resin	Mix Ratio by Weight: 100	
Uncured Properties	Nominal Value	Unit
Density (20°C)	1.20	g/cm ³
NOTE		
1.	Cured	

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