

Ebalta HFG plus / PUR 11

Polyurethane
Ebalta Kunststoff GmbH

Message:
This product is a polyurethane system.
Applications
Backfillings for core boxes
Backfillings for negatives
Properties
filled
for large volume back fillings
dimensionally accurate
impact resistant
resistant

General Information			
Filler / Reinforcement	Filler		
Features	Good Impact Resistance		
Appearance	Grey		
Hardness	Nominal Value	Test Method	
Shore Hardness (Shore D)	73 to 77	ISO 7619	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	2300 to 2800	MPa	ISO 178
Flexural Stress	18.0 to 22.0	MPa	ISO 178
Compressive Stress	29.0 to 35.0	MPa	ISO 604
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	1.8 to 2.2	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Martens Temperature	54 to 58	°C	DIN 53458
Thermoset	Nominal Value	Unit	
Thermoset Components			
Hardener	Mix Ratio by Weight: 22		
Resin	Mix Ratio by Weight: 100		
Uncured Properties	Nominal Value	Unit	
Density (20°C)	1.03 to 1.07	g/cm ³	
Viscosity (25°C)	25 to 35	Pa · s	
Curing Time (20°C)	4.0 to 5.0	hr	
Pot Life ¹ (20°C)	7.0 to 9.0	min	
NOTE			
1.	200 g		

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