

Menzolit® BIO-BMC

Thermoset Polyester

Menzolit Ltd (UK)

Message:

Menzolit® BIO-BMC is a general purpose BMC based on renewable raw materials. Since it is experimental and still in its very early product life experience is limited. For more information please contact our R&D department.

General Information			
Features	Low smoke		
	Updatable resources		
	Heat resistance, high		
	General		
	Halogen-free		
Uses	General		
Appearance	Available colors		
Forms	Particle		
Processing Method	Compression molding		
	Injection molding		
Part Marking Code (ISO 11469)	>UP-(SD50+LF10)		
Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm ³	ISO 1183
Molding Shrinkage	0.37	%	ISO 294-4
Water Absorption (Saturation, 23°C)	3.5	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (Compression Molded)	3000	MPa	ISO 178
Flexural Stress (Compression Molded)	20.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (Compression Molded)	4.0	kJ/m ²	ISO 179
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	22	%	ISO 4589-2
Additional Information			
Shrinkage, ISO 2577: 0.37%Post Moulding Shrinkage, DIN 53464: 0%			
Injection	Nominal Value	Unit	
Mold Temperature	133 - 155	°C	
Injection Pressure	3.00 - 5.00	MPa	

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Recommended distributors for this material

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