

KEBAFORM® C 2527

Acetal (POM) Copolymer

BARLOG plastics GmbH

Message:

POM Copolymer, 25% glass fiber reinforced

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Resin ID (ISO 1043)	POM-GF25		
Physical	Nominal Value	Unit	Test Method
Density	1.59	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	1.4	%	
Flow	0.70	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	0.16	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7300	MPa	ISO 527-2
Tensile Stress (Break)	120	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	30	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	165	°C	ISO 75-2/B
1.8 MPa, Unannealed	164	°C	ISO 75-2/A
Melting Temperature ¹	166	°C	ISO 11357-3
NOTE			
1.	10°C/min		

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