

KEBAFORM® C 3090(K)

Acetal (POM) Copolymer

BARLOG plastics GmbH

Message:

POM Copolymer, 27% glass fiber reinforced

General Information			
Filler / Reinforcement	Glass Fiber,27% Filler by Weight		
Resin ID (ISO 1043)	POM-GF27		
Physical	Nominal Value	Unit	Test Method
Density	1.61	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.5	g/10 min	ISO 1133
Water Absorption (Equilibrium, 23°C, 50% RH)	0.15	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9000	MPa	ISO 527-2
Tensile Stress (Break)	130	MPa	ISO 527-2
Tensile Strain (Break)	1.8	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
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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