

KEBAFORM® C 8027

Acetal (POM) Copolymer

BARLOG plastics GmbH

Message:

POM Copolymer, 30% mineral reinforced

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Resin ID (ISO 1043)	POM-MD30		
Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	22	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	1.5	%	
Flow	1.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4700	MPa	ISO 527-2
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	11	%	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 (1.8 MPa, Unannealed)	145	°C	ISO 75-2/A
Melting Temperature ¹	166	°C	ISO 11357-3
NOTE			
1.	10°C/min		

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