

KEBAFORM® C 903 LF

Acetal (POM) Copolymer

BARLOG plastics GmbH

Message:

POM Copolymer unreinforced, improved wear and friction

General Information			
Features	Good Wear Resistance		
	Low Friction		
Resin ID (ISO 1043)	POM		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ISO 1133
Water Absorption (Equilibrium, 23°C, 50% RH)	0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ISO 527-2
Tensile Stress (Yield)	52.0	MPa	ISO 527-2
Tensile Strain (Yield)	8.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	110	°C	ISO 75-2/A
Melting Temperature ¹	166	°C	ISO 11357-3
Flammability	Nominal Value		Test Method
Flammability Classification	HB		IEC 60695-11-10, -20
NOTE			
1.	10°C/min		

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