

KEBAFORM® C 906 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	1.40	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	2.0	%	
Flow	2.0	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	0.21	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2150	MPa	ISO 527-2
Tensile Stress (Yield)	53.0	MPa	ISO 527-2
Tensile Strain (Yield)	9.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	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			
0.45 MPa, Unannealed	158	°C	ISO 75-2/B
1.8 MPa, Unannealed	110	°C	ISO 75-2/A
Melting Temperature ¹	166	°C	ISO 11357-3
CLTE			ISO 11359-2
Flow	1.3E-4	cm/cm/°C	
Transverse	1.3E-4	cm/cm/°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+18	ohms · cm	IEC 60093
Electric Strength	19	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flammability Classification	HB		IEC 60695-11-10, -20

NOTE

1. 10°C/min

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

