

OP - Acetal H-Acetal 10MF

Acetal (POM) Homopolymer
Oxford Polymers

Message:

OP - Acetal H-Acetal 10MF is an Acetal (POM) Homopolymer material. It is available in North America for injection molding.
Important attributes of OP - Acetal H-Acetal 10MF are:
Flame Rated
Homopolymer

General Information			
Features	General Purpose		
	Homopolymer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 to 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	65.5	MPa	
Break	65.5	MPa	
Tensile Elongation (Break)	13	%	ASTM D638
Flexural Modulus	3170	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (4°C)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	118	°C	
1.8 MPa, Unannealed, 3.18 mm	113	°C	
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.59 mm	HB		
3.18 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	3.0 to 4.0	hr	
Drying Time, Maximum	8.0	hr	

Rear Temperature	177 to 199	°C
Middle Temperature	182 to 204	°C
Front Temperature	188 to 210	°C
Processing (Melt) Temp	182 to 218	°C
Mold Temperature	79.4 to 107	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

