

Plaslube® POM HO TL10

Acetal (POM) Homopolymer
Techmer Engineered Solutions

Message:

Plaslube® POM HO TL10 is an Acetal (POM) Homopolymer product. It can be processed by injection molding and is available in North America. Characteristics include:
Flame Rated
Homopolymer
Lubricated

General Information			
Additive	PTFE Lubricant (15%)		
Features	Homopolymer		
	Lubricated		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.8	%	ASTM D955
Water Absorption (24 hr)	0.17	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	92		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	55.8	MPa	ASTM D638
Tensile Elongation (Break)	9.0	%	ASTM D638
Flexural Modulus	2690	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	160	°C	
1.8 MPa, Unannealed	93.3	°C	
CLTE - Flow	9.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257
Dielectric Strength ¹	18	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

Additional Information	Nominal Value
TPCI #	
NOTE	
1.	Method A (Short-Time)

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



WECHAT