

INLUBE POMHTF13

Acetal (POM) Homopolymer
Infinity LTL Engineered Compounds

Message:

INLUBE POMHTF13 is an Acetal (POM) Homopolymer product. It is available in North America.

Characteristics include:

Homopolymer
Lubricated

General Information			
Additive	PTFE Lubricant (13%)		
Features	Homopolymer		
	Lubricated		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.8 to 2.3	%	
Water Absorption (24 hr)	0.20	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	59.3	MPa	ASTM D638
Tensile Elongation (Break)	10 to 20	%	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	102	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+17	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	199 to 210	°C	
Mold Temperature	82.2 to 104	°C	
Back Pressure	0.172 to 0.345	MPa	
Screw Speed	30 to 60	rpm	
Vent Depth	0.013 to 0.025	mm	

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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

