

Tecaform® HPV13 PTFE Lubricated Acetal POM-H

Limiting Pressure Velocity

10 fpm	12000 ft·lb/min	12000 ft·lb/min
100 fpm	1600 ft·lb/min	1600 ft·lb/min

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
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Notched Izod Impact (73°F)	1.5 ft·lb/in	80 J/m	ASTM D256
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Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
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Rockwell Hardness			ASTM D785
M-Scale, 73°F	78	78	
R-Scale, 73°F	118	118	

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
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Deflection Temperature Under Load			ASTM D648
66 psi, Unannealed	334 °F	168 °C	
264 psi, Unannealed	244 °F	118 °C	
Melting Temperature	347 °F	175 °C	
CLTE - Flow (85 to 140°F)	6.80E-05 in/in/°F	1.20E-04 cm/cm/°C	ASTM D696
Service Temperature - Long Term	185 °F	85 °C	

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Chemical Resistance

Acetone	Resistant
Ammonia solution 10%	Resistant
Benzene	Limited resistance
Boric acid, aqueous solution 10%	Not resistant
Diesel oil	Resistant
Ethanol, 96%	Resistant
Ethylene chloride	Not resistant
Formaldehyde, aqueous solution 30%	Resistant
Glycerin	Resistant
Glycol	Resistant
Hydrochloric acid, aqueous solution 36%	Not resistant
Hydrofluoric acid, 40%	Not resistant
Isopropanol	Resistant
Methanol	Resistant
Nitric acid, aqueous solution 10%	Not resistant
Silicone Oil	Resistant
Sulphuric acid, aqueous solution 2%	Resistant
Sulphuric acid, concentrated 98%	Not resistant
Triethanolamine	Resistant
Trichloroethylene	Not resistant