

Plaslube® AC-80/TF/30

Techmer Polymer Modifiers - Acetal (POM) Copolymer

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Additive	• PTFE Lubricant: 30%
Features	• Lubricated
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.56		ASTM D792
Molding Shrinkage - Flow	0.025	in/in	ASTM D955
Water Absorption (24 hr)	0.20	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	5000	psi	ASTM D638
Flexural Modulus	300000	psi	ASTM D790
Flexural Strength (Yield)	8000	psi	ASTM D790
Coefficient of Friction (vs. Steel - Static)	0.060		ASTM D1894
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.50	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	200	°F	ASTM D648

