

Plaslube® AC-80/TF/10 NAT

Acetal (POM) Copolymer
Techmer Engineered Solutions

Message:
Plaslube® AC-80/TF/10 NAT is a polyoxymethylene (POM) copolymer product. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The main features are: Rohs certification.

General Information			
UL YellowCard	E253782-484546		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.51	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	2.0	%	ASTM D955
Water Absorption (24 hr)	0.23	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	41.4	MPa	ASTM D638
Tensile Elongation (Break)	13	%	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Flexural Strength	64.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	48	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	1.0 - 2.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	177 - 188	°C	
Middle Temperature	188 - 199	°C	
Front Temperature	182 - 193	°C	
Nozzle Temperature	177 - 188	°C	
Processing (Melt) Temp	188 - 204	°C	
Mold Temperature	76.7 - 93.3	°C	
Injection Rate	Moderate-Fast		
Back Pressure	0.345 - 0.689	MPa	
Injection instructions			

Screw Speed: MediumRecommendations for Molding and Tool Conditions: Well ventedMoisture Content, as received: Product is packaged at 0.2% or less.Drying not normally required. Dry at 180°F for 1 to 2 hours if necessary.

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