

Plaslube® POK AF10 SL1 NAT

 Techmer Polymer Modifiers - *Polyketone*

General Information

Product Description

POKM117550

General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Appearance	<ul style="list-style-type: none"> Natural Color
Forms	<ul style="list-style-type: none"> Pellets
Processing Method	<ul style="list-style-type: none"> Injection Molding

 Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24		ASTM D792
Molding Shrinkage - Flow (0.125 in)	0.013 to 0.016	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	260000	psi	ASTM D638
Tensile Strength (Yield)	8000	psi	ASTM D638
Tensile Strength (Break)	7500	psi	ASTM D638
Tensile Elongation (Break)	> 30	%	ASTM D638
Flexural Modulus	330000	psi	ASTM D790
Flexural Strength	10000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	2.0	ft·lb/in	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	170	°F
Drying Time	2.0 to 3.0	hr
Suggested Max Moisture	< 0.050	%
Rear Temperature	440 to 470	°F
Middle Temperature	450 to 480	°F
Front Temperature	460 to 490	°F
Nozzle Temperature	470 to 500	°F
Processing (Melt) Temp	460 to 490	°F
Mold Temperature	100 to 175	°F

