

RTP 800 TFE 15 SI 2 DEL

Acetal (POM) Homopolymer

RTP Company

Message:

PTFE Lubricated - Silicone Lubricated - Homopolymer

General Information			
Additive	PTFE lubricant (15%)		
	Silicone lubricant (2%)		
Features	Homopolymer		
	Lubrication		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	2.0 - 3.0	%	ASTM D955
Moisture Content	0.15	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2070	MPa	ASTM D638
Tensile Strength	46.5	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength	70.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	69	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	640	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	107	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	2.0	hr	
Dew Point	-31.7	°C	
Processing (Melt) Temp	182 - 218	°C	

Mold Temperature	79.4 - 107	°C
Injection Pressure	68.9 - 103	MPa
Injection instructions		

Desiccant Type Dryer Required.

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