

RTP 800 TFE 20

Acetal (POM) Copolymer

RTP Company

Message:

PTFE Lubricated

General Information			
UL YellowCard	E84658-100688234		
Additive	PTFE lubricant (20%)		
Features	Lubrication		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.52	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.5 - 3.0	%	ASTM D955
Moisture Content	0.15	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2410	MPa	ASTM D638
Tensile Strength	44.8	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	65.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	53	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	590	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	104	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14 - 1.0E+16	ohms · cm	ASTM D257
Dielectric Constant (1 MHz)	3.25		ASTM D150
Dissipation Factor (1 MHz)	< 4.0E-4		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	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
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Injection instructions

Desiccant Type Dryer Required.

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Recommended distributors for this material

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