

RTP 899 X 141392 A NS

Acetal (POM) Copolymer

RTP Company

Message:

ESD Protection - Permanently Anti-static - FDA Compliant Ingredients

General Information			
Features	Electrostatic discharge protection		
	Antistatic property		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.8 - 2.5	%	ASTM D955
Moisture Content	0.15	%	
Static Decay		sec	FTMS 101C 4046.1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1650	MPa	ASTM D638
Tensile Strength	46.2	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength	60.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	160	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10 - 9.9E+11	ohms	ASTM D257
Volume Resistivity	1.0E+9 - 9.9E+10	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	2.0	hr	
Dew Point	-32	°C	
Processing (Melt) Temp	182 - 218	°C	
Mold Temperature	79 - 107	°C	
Injection Pressure	68.9 - 103	MPa	
Injection instructions			

Do not exceed 520 °F (270 °C) melt temperature.Desiccant Type Dryer Required.

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

