

RTP 199 X 142473 A

Polypropylene

RTP Company

Message:

Glass Fiber - Chemically Coupled - Electrically Conductive

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Conductivity		
	Chemical coupling		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.20 - 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6890	MPa	ASTM D638
Tensile Strength	87.6	MPa	ASTM D638
Tensile Elongation (Yield)	3.0	%	ASTM D638
Flexural Modulus	6550	MPa	ASTM D790
Flexural Strength	139	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	85	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	660	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	143	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity			
--	< 1.0E+5	ohms	ESD STM11.11
--	< 1.0E+6	ohms	ASTM D257
Volume Resistivity	< 1.0E+4	ohms · cm	ASTM D257
Static Decay		sec	FTMS 101C 4046.1
Injection	Nominal Value	Unit	
Drying Temperature	79	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	191 - 232	°C	
Mold Temperature	32 - 66	°C	
Injection Pressure	68.9 - 103	MPa	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

