RTP 2199 X 115079 I

Polyether Imide

RTP Company

Message:

Carbon Nanotube - ESD Protection

General Information			
Filler / Reinforcement	Carbon nano filler		
Features	Electrostatic discharge protection		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.27	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.50 - 0.70	%	ASTM D955
Moisture Content	0.040	%	
Static Decay		sec	FTMS 101C 4046.1
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	4830	MPa	ASTM D638
Tensile Strength	82.7	MPa	ASTM D638
Tensile Elongation (Yield)	1.8	%	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength	121	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Unnotched Izod Impact (3.20 mm)	290	J/m	ASTM D4812
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity			
--	1.0E+5 - 1.0E+8	ohms	ASTM D257
--	1.0E+4 - 1.0E+7	ohms	ESD STM11.11
Volume Resistivity	1.0E+2 - 1.0E+4	ohms·cm	ASTM D257
Injection	**Nominal Value**	**Unit**	
Drying Temperature	149	°C	
Drying Time	4.0	hr	
Dew Point	-28.9	°C	
Processing (Melt) Temp	354 - 399	°C	
Mold Temperature	135 - 177	°C	
Injection Pressure	82.7 - 124	MPa	
Injection instructions			

Desiccant Type Dryer Required.

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