

RTP 199 X 138789 EG

Polypropylene
RTP Company

Message:
Permanently Static Dissipative - ESD Protection - UV Stabilized - Extrusion Grade

General Information			
Additive	UV Stabilizer		
Features	ESD Protection		
	Statically Conductive		
RoHS Compliance	Contact Manufacturer		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	< 4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	1.2 to 1.7	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1030	MPa	ASTM D638
Tensile Strength	24.8	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	1170	MPa	ASTM D790
Flexural Strength	34.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	120	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Electrical	Nominal Value	Unit	Test Method
	1.0E+8 to 9.9E+9		
Surface Resistivity	1.0E+7 to 9.9E+8	ohms	ASTM D257
Volume Resistivity	1.0E+7 to 9.9E+8	ohms · cm	ASTM D257
Static Decay	< 0.5	sec	FTMS 101C 4046.1
Injection	Nominal Value	Unit	
Injection Pressure	68.9 to 103	MPa	
Extrusion	Nominal Value	Unit	
Drying Temperature	79.4	°C	

Drying Time	2.0	hr
Melt Temperature	191 to 232	°C
Die Temperature	32.2 to 65.6	°C

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

