

RTP 799 X 143519 EG

High Density Polyethylene
RTP Company

Message:
ESD Protection - Permanently Static Dissipative - Extrusion Grade

General Information	
Features	Electrostatic discharge protection
	Static conduction
RoHS Compliance	Contact manufacturer
Processing Method	Extrusion
	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	< 1.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	2.0 - 4.0	%	ASTM D955
Moisture Content		%	
Static Decay		sec	FTMS 101C 4046.1

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	414	MPa	ASTM D638
Tensile Strength	15.9	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	483	MPa	ASTM D790
Flexural Strength	15.9	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	110	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+8 - 1.0E+10	ohms	ASTM D257
Volume Resistivity	1.0E+7 - 1.0E+9	ohms · cm	ASTM D257

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

Extrusion	Nominal Value	Unit
Drying Temperature	79	°C
Drying Time	2.0	hr
Melt Temperature	182 - 216	°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

