

RTP 700A HS

Low Density Polyethylene

RTP Company

Message:

Warning: The status of this material is 'Commercial: Limited Issue'
The data for this material has not been recently verified.
Please contact RTP Company for current information prior to specifying this grade.

General Information			
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Low Density		
RoHS Compliance	Contact Manufacturer		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	210	MPa	ASTM D638
Tensile Strength	10.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	550	%	ASTM D638
Flexural Modulus (Injection Molded)	210	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm, Injection Molded)	370	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, Injection Molded)	40.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Rear Temperature	177 to 227	°C	
Middle Temperature	177 to 227	°C	
Front Temperature	177 to 227	°C	
Mold Temperature	21.0 to 66.0	°C	
Injection Pressure	69.0 to 103	MPa	

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Recommended distributors for this material

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