

RTP 700 A

Low Density Polyethylene

RTP Company

Message:

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General Information			
RoHS Compliance		Contact Manufacturer	
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	2.4 to 3.1	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	207	MPa	ASTM D638
Tensile Strength	6.89	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	138	MPa	ASTM D790
Flexural Strength	5.52	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	350	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	370	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	193 to 232	°C	
Mold Temperature	21.1 to 65.6	°C	
Injection Pressure	68.9 to 103	MPa	

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Recommended distributors for this material

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