

RTP 2017 FR

Polyethylene Alloy
RTP Company

Message:
Flame Retardant - UL94 V-0

General Information			
Features	Flame Retardant		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.8 to 2.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 10 sec	90		
Shore D	45		
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	138	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8.27	MPa	ASTM D412
Tensile Elongation (Yield)	> 1000	%	ASTM D412
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	No Break		ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-0		
0.300 mm	VTM-0		
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	171 to 238	°C	
Mold Temperature	21.1 to 48.9	°C	
Injection Pressure	68.9 to 103	MPa	

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Recommended distributors for this material

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