

RTP 4000 AT-1001 L

Polyphthalamide

RTP Company

Message:

Impact Modified - Lubricated

General Information			
Additive	Impact modifier		
	Lubricant		
Features	Impact modification		
	Lubrication		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.6	%	ASTM D955
Moisture Content	0.050	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2070	MPa	ASTM D638
Tensile Strength	55.2	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	960	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	107	°C	
Drying Time	4.0 - 6.0	hr	
Dew Point	-31.7	°C	
Processing (Melt) Temp	304 - 332	°C	
Mold Temperature	93.3 - 138	°C	
Injection Pressure	68.9 - 124	MPa	

Injection instructions

Desiccant Type Dryer Required.

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Recommended distributors for this material

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