

Rhelon T1910H-01

Polyamide 6

RheTech, Inc.

Message:

Rhelon T1910H-01 is a Polyamide 6 (Nylon 6) product. It can be processed by injection molding and is available in North America.

Characteristics include:

Heat Stabilizer

Impact Modified

General Information			
Additive	Heat Stabilizer Impact Modifier		
Features	Heat Stabilized Impact Modified		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.6 to 2.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	48.3	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	1480	MPa	ASTM D790
Flexural Strength	60.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-40°C)	960	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	185	°C	
1.8 MPa, Unannealed	71.1	°C	
Peak Melting Temperature	216	°C	ASTM D794
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Suggested Max Moisture	0.20	%	
Suggested Max Regrind	25	%	
Rear Temperature	218 to 235	°C	
Middle Temperature	252 to 263	°C	
Front Temperature	252 to 268	°C	
Nozzle Temperature	252 to 268	°C	

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Recommended distributors for this material

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