

# Rhelon T2504HR-01

Polyamide 66

RheTech, Inc.

Message:

Rhelon T2504HR-01 is a Polyamide 66 (Nylon 66) 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	1.11	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.2 to 2.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	60.8	MPa	
Break	56.0	MPa	
Tensile Elongation			ASTM D638
Yield	5.0	%	
Break	35	%	
Flexural Modulus	2460	MPa	ASTM D790
Flexural Strength	72.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	180	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	210	°C	
1.8 MPa, Unannealed	60.0	°C	
Peak Melting Temperature	260	°C	ASTM D789
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Suggested Max Moisture	0.20	%	
Suggested Max Regrind	25	%	

Rear Temperature	290	°C
Middle Temperature	295	°C
Front Temperature	295	°C
Nozzle Temperature	300	°C
Processing (Melt) Temp	290 to 300	°C

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Recommended distributors for this material

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