

Rhelon T2504-01

Polyamide 66

RheTech, Inc.

Message:

Rhelon T2504-01 is a Polyamide 66 (Nylon 66) product. It can be processed by injection molding and is available in North America. Primary characteristic: impact modified.

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (275°C/0.325 kg)	26	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 to 2.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	58.9	MPa	
Break	52.0	MPa	
Tensile Elongation			ASTM D638
Yield	5.0	%	
Break	35	%	
Flexural Modulus	2540	MPa	ASTM D790
Flexural Strength	72.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	110	J/m	
23°C	160	J/m	
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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