

Rhelon G2918HU-01

Polyamide 66

RheTech, Inc.

Message:

Rhelon G2918HU-01 is a Polyamide 66 (Nylon 66) product filled with 18% glass fiber. It can be processed by injection molding and is available in North America.

Characteristics include:

Good UV Resistance

Heat Stabilizer

Impact Modified

UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,18% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
	UV Stabilizer		
Features	Good UV Resistance		
	Heat Stabilized		
	Impact Modified		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	93.8	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	
Break	3.0	%	
Flexural Modulus	3310	MPa	ASTM D790
Flexural Strength	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	249	°C	ASTM D648
Peak Melting Temperature	254	°C	ASTM D789
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	

Suggested Max Moisture	0.20	%
Suggested Max Re grind	25	%
Rear Temperature	246 to 257	°C
Middle Temperature	263 to 274	°C
Front Temperature	268 to 282	°C
Nozzle Temperature	268 to 282	°C
Processing (Melt) Temp	263 to 282	°C

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Recommended distributors for this material

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