

# Rhelon G1733H-01

Polyamide 6  
RheTech, Inc.

Message:

Rhelon G1733H-01 is a Polyamide 6 (Nylon 6) product filled with 33% glass fiber. It can be processed by injection molding and is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	125	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	1.5	%	
Break	1.5	%	
Flexural Modulus	8960	MPa	ASTM D790
Flexural Strength	234	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	212	°C	ASTM D648
Peak Melting Temperature	216	°C	ASTM D789
CLTE - Flow	5.3E-6	cm/cm/°C	ASTM D696
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	
Processing (Melt) Temp	249 to 266	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

