

Clariant Nylon 6/6 66G43-L

Polyamide 66
Clariant Corporation

Message:

Clariant Nylon 6/6 66G43-L is a Polyamide 66 (Nylon 66) material filled with 43% glass fiber. It is available in North America for injection molding. Primary attribute of Clariant Nylon 6/6 66G43-L: Lubricated.

General Information			
Filler / Reinforcement	Glass Fiber,43% Filler by Weight		
Additive	Lubricant		
Features	General Purpose		
	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.46	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	165	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	11000	MPa	ASTM D790
Flexural Strength	234	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	85	J/m	ASTM D256
Tensile Impact Strength	94.6	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	257	°C	
1.8 MPa, Unannealed	253	°C	
Melting Temperature	257	°C	
Injection	Nominal Value	Unit	
Drying Temperature	71.1 to 82.2	°C	
Suggested Max Regrind	25	%	
Rear Temperature	249 to 271	°C	
Middle Temperature	271 to 288	°C	
Front Temperature	282 to 299	°C	
Nozzle Temperature	266 to 288	°C	
Mold Temperature	71.1 to 104	°C	
Injection Pressure	55.2 to 138	MPa	

Back Pressure	0.00 to 1.03	MPa
Screw Speed	30 to 60	rpm

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.

Recommended distributors for this material

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

