TRIMID® N6-G15L

Polyamide 6

Polymer Technology and Services, LLC

Message:

TRIMID® N6-G15L is a Polyamide 6 (Nylon 6) product filled with 15% glass fiber. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: lubricated.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	Lubricant		
Features	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.23	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.50	%	ASTM D955
Water Absorption (24 hr)	1.0	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	120	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	4560	MPa	ASTM D790
Flexural Strength (Yield)	165	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (3.17 mm)	69	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	199	°C	ASTM D648
Melting Temperature	216	°C	
Injection	**Nominal Value**	**Unit**	
Drying Temperature	82.2	°C	
Drying Time	3.0 to 4.0	hr	
Rear Temperature	< 216	°C	
Middle Temperature	227 to 254	°C	
Front Temperature	238 to 266	°C	
Nozzle Temperature	238 to 266	°C	
Processing (Melt) Temp	232 to 271	°C	
Mold Temperature	21.1 to 93.3	°C	
Injection Pressure	82.7 to 172	MPa	
Back Pressure	0.00 to 0.345	MPa	
Screw Speed	40 to 80	rpm	

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