Clariant Nylon 6 60G25-L

Polyamide 6

Clariant Corporation

Message:

Clariant Nylon 6 60G25-L is a Polyamide 6 (Nylon 6) material filled with 25% glass fiber. It is available in North America for injection molding. Primary attribute of Clariant Nylon 6 60G25-L: Lubricated.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Lubricant		
Features	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.31	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.50	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	117	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	6210	MPa	ASTM D790
Flexural Strength	172	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	64	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	210	°C	
1.8 MPa, Unannealed	202	°C	
Melting Temperature	218	°C	
Injection	**Nominal Value**	**Unit**	
Drying Temperature	71.1 to 82.2	°C	
Suggested Max Regrind	25	%	
Rear Temperature	210 to 232	°C	
Middle Temperature	227 to 249	°C	
Front Temperature	243 to 266	°C	
Nozzle Temperature	232 to 260	°C	
Mold Temperature	71.1 to 104	°C	
Injection Pressure	34.5 to 138	MPa	
Back Pressure	0.00 to 1.03	MPa	
Screw Speed	30 to 60	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