

Plaslube® PA6 GF20 RM L BK

Polyamide 6
Techmer Engineered Solutions

Message:

Plaslube® PA6 GF20 RM L BK is a Polyamide 6 (Nylon 6) product filled with 20% glass fiber. It can be processed by injection molding and is available in North America.
Characteristics include:
Low Moisture Absorption
Lubricated

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	Lubricant		
Features	Low Moisture Absorption		
	Lubricated		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.40 to 0.70	%	ASTM D955
Water Absorption (24 hr)	0.90	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	138	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	6890	MPa	ASTM D790
Flexural Strength	221	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	191	°C	ASTM D648
CLTE - Flow	3.8E-5	cm/cm/°C	ASTM D696
Additional Information	Nominal Value		
TPCI #	9718102		

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