

**Plaslube® PA6 GF20 RM-B L NAT**

 Techmer Polymer Modifiers - *Polyamide 6*
**General Information**
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Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Additive	• Lubricant
Features	• Low Moisture Absorption • Lubricated
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

**Properties <sup>1</sup>**

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.28		ASTM D792
Molding Shrinkage - Flow (0.125 in)	4.0E-3 to 7.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.90	%	ASTM D570
<b>Mechanical</b>			
Tensile Strength (Yield)	20300	psi	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	1.00E+6	psi	ASTM D790
Flexural Strength	32700	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact (0.125 in)	2.5	ft·lb/in	ASTM D256
<b>Hardness</b>			
Rockwell Hardness (R-Scale)	115		ASTM D785
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	375	°F	ASTM D648
CLTE - Flow	2.1E-5	in/in/°F	ASTM D696
<b>Additional Information</b>			
TPCI #	9772102		

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.
