

Plaslube® PA6 GF20 RM L BK

 Techmer Polymer Modifiers - *Polyamide 6*
General Information
General

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 ¹

	Nominal Value	Unit	Test Method
Physical			
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
Mechanical			
Tensile Strength (Break)	20000	psi	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	1.00E+6	psi	ASTM D790
Flexural Strength	32000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.125 in)	2.3	ft·lb/in	ASTM D256
Hardness			
Rockwell Hardness (R-Scale)	115		ASTM D785
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	375	°F	ASTM D648
CLTE - Flow	2.1E-5	in/in/°F	ASTM D696
Additional Information			
TPCI #	9718102		

Notes
¹ Typical properties: these are not to be construed as specifications.
