

Plaslube® PA6 GF30 RM BK

 Techmer Polymer Modifiers - *Polyamide 6*
General Information
General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Filler / Reinforcement	<ul style="list-style-type: none"> Glass Fiber
Appearance	<ul style="list-style-type: none"> Colors Available
Forms	<ul style="list-style-type: none"> Pellets
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.34		ASTM D792
Molding Shrinkage - Flow (0.125 in)	5.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.70	%	ASTM D570
Mechanical			
Nominal Value Unit Test Method			
Tensile Strength (Break)	25500	psi	ASTM D638
Tensile Elongation (Break)	2.4	%	ASTM D638
Flexural Modulus	150000	psi	ASTM D790
Flexural Strength	40000	psi	ASTM D790
Impact			
Nominal Value Unit Test Method			
Notched Izod Impact (73°F, 0.125 in)	2.2	ft·lb/in	ASTM D256
Hardness			
Nominal Value Unit Test Method			
Rockwell Hardness (R-Scale)	118		ASTM D785
Thermal			
Nominal Value Unit Test Method			
Deflection Temperature Under Load (264 psi, Unannealed)	410	°F	ASTM D648
CLTE - Flow	9.0E-6	in/in/°F	ASTM D696

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