

Modified Plastics Nylon

MN 6/6 FG10

Product Information

Product Characteristics

- Nylon 6/6
- General Purpose Injection Molding
- 10% Glass Fiber

Properties	Test Method	Unit	Typical Values
Physical Properties¹			
Specific Gravity	ASTM D 792	-	1.22
Mold Shrinkage	ASTM D 955	in/in	0.017
Mechanical Properties¹			
Tensile Strength	ASTM D 638	psi	13,000
Tensile Elongation	ASTM D 638	%	3.5
Flexural Strength	ASTM D 790	psi	20,000
Flexural Modulus	ASTM D 790	psi	660,000
Izod Impact Strength (Notched)	ASTM D 256	ft-lb/in	0.7
Thermal Properties¹			
Deflection Temperature Under Load			
66 psi unannealed	ASTM D 648	°F	495
264 psi unannealed	ASTM D 648	°F	480
Flammability	UL 94	-	HB

¹ Typical Properties; not to be construed as specifications. The data is intended as a general guideline only and does not necessarily represent the results that may be obtained otherwise.