

Modified Plastics Nylon

MN 6/6 FG40

Product Information

Product Characteristics

- Nylon 6/6
- Injection Molding
- 20% Glass Fiber

Properties	Test Method	Unit	Typical Values
Physical Properties¹			
Specific Gravity	ASTM D 792	-	1.46
Mold Shrinkage	ASTM D 955	in/in	0.004
Mechanical Properties¹			
Tensile Strength	ASTM D 638	psi	31,500
Tensile Elongation	ASTM D 638	%	2
Flexural Strength	ASTM D 790	psi	41,000
Flexural Modulus	ASTM D 790	psi	1.65E + 6
Izod Impact Strength (Notched)	ASTM D 256	ft-lb/in	2.5
Thermal Properties¹			
Deflection Temperature Under Load			
66 psi unannealed	ASTM D 648	°F	500
264 psi unannealed	ASTM D 648	°F	490
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.