

Clariant Nylon

R66G33-L

Product Information

Product Characteristics

- Nylon 6/6
- Lubricated
- 33% Glass Fiber

Properties	Test Method	Unit	Typical Values
Physical Properties¹			
Specific Gravity	ASTM D 792	-	1.37
Mold Shrinkage	ASTM D 955	in/in	0.003-0.007
Mechanical Properties¹			
Tensile Strength	ASTM D 638	psi	19,000
Tensile Elongation	ASTM D 638	%	3
Flexural Strength	ASTM D 790	psi	25,200
Flexural Modulus	ASTM D 790	psi	1.10 E + 6
Izod Impact Strength (Notched)	ASTM D 256	ft-lb/in	1.1
Thermal Properties¹			
Deflection Temperature Under Load			
66 psi unannealed	ASTM D 648	°F	485
264 psi unannealed	ASTM D 648	°F	475
Flammability	UL 94	-	-

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.