

Clariant Nylon

R66G13-L

Product Information

Product Characteristics

- Nylon 6/6
- Lubricated
- 13% Glass Fiber

Properties	Test Method	Unit	Typical Values
Physical Properties¹			
Specific Gravity	ASTM D 792	-	1.22
Mold Shrinkage	ASTM D 955	in/in	0.004-0.008
Mechanical Properties¹			
Tensile Strength	ASTM D 638	psi	9,000
Tensile Elongation	ASTM D 638	%	4
Flexural Strength	ASTM D 790	psi	18,000
Flexural Modulus	ASTM D 790	psi	500,000
Izod Impact Strength (Notched)	ASTM D 256	ft-lb/in	0.8
Thermal Properties¹			
Deflection Temperature Under Load			
66 psi unannealed	ASTM D 648	°F	480
264 psi unannealed	ASTM D 648	°F	455
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.

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