

Clariant Nylon

6001-L

Product Information

Product Characteristics

- Nylon 6
- Impact Modified
- Easy Processibility

Properties	Test Method	Unit	Typical Values
Physical Properties¹			
Specific Gravity	ASTM D 792	-	1.13
Mold Shrinkage	ASTM D 955	in/in	0.012
Mechanical Properties¹			
Tensile Strength	ASTM D 638	psi	10,000
Tensile Elongation	ASTM D 638	%	50
Flexural Strength	ASTM D 790	psi	13,000
Flexural Modulus	ASTM D 790	psi	350,000
Izod Impact Strength (Notched)	ASTM D 256	ft-lb/in	0.9
Thermal Properties¹			
Deflection Temperature Under Load			
66 psi unannealed	ASTM D 648	°F	355
264 psi unannealed	ASTM D 648	°F	143
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.