



NETWORK POLYMERS, INC.

# NYLON 6001 GF33

## 33% GLASS FILLED POLYAMIDE

PROPERTIES	ASTM TEST	UNITS ENGLISH METRIC	
<b>THERMAL</b>			
Melting Point	D-789	°F °C	441 227
Heat Deflection Temperature 1.8 Mpa (264 psi) (0.125" bar)	D-648	°F °C	426 219
<b>PHYSICAL</b>			
Specific Gravity	D-792		1.37
Mold Shrinkage (1/8"bar)	D-955	inch/inch.	.004
<b>IMPACT</b>			
Izod Impact (1/8" specimen) Room Temperature, Notched	D-256	ft-lb/in J/m	1.8 98
<b>TENSILE</b>			
Tensile Strength	D-638	psi MPa	22,698 157
Elongation at Break	D-638	%	3.4
<b>FLEXURAL</b>			
Flexural Modulus	D-790	psi MPa	1,087,340 7,500

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