



NETWORK POLYMERS, INC.

**NYLON 6015  
G33HSL**

**HIGH IMPACT**

PROPERTIES	ASTM TEST	UNITS ENGLISH METRIC	
<b>THERMAL</b>			
Melting Point	D-789	°F °C	420 215
Heat Deflection Temperature 1.8 Mpa (264 psi) (0.125" bar)	D-648	°F °C	388 198
Heat Deflection Temperature 0.0455 MPa (66 psi) (0.125" bar)	D-648	°F °C	-- --
<b>PHYSICAL</b>			
Glass Fiber		%	33
Specific Gravity	D-792		1.37
Water Absorption (Saturation)	D-570	%	1.0
Mold Shrinkage	D-955	in/in (mm/mm)	0.002 - 0.004
<b>IMPACT</b>			
Izod Impact (1/8" specimen) Room Temperature, Notched	D-256	ft-lb/in J/m	4.2 224
<b>TENSILE</b>			
Tensile Strength at Break	D-638	psi MPa	22,800 157
Elongation at Break	D-638	%	4 - 5
<b>FLEXURAL</b>			
Flexural Modulus	D-790	psi MPa	1,100,000 7,579
Flexural Strength	D-790	psi MPa	28,000 193

EAP/02-27-03  
The information contained herein is provided for general reference purposes only. Please note that the above information pertains only to natural resins and may change with the addition of colorants or other additives. Network Polymers Inc. makes no guarantee or warranty and does not assume liability with respect to the accuracy or completeness of the information presented, or the product results in any specific instance and hereby expressly disclaims any implied warranties of suitability or fitness for a particular purpose or any other warranties or representations whatsoever expressed or implied. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of patent.