



NETWORK POLYMERS, INC.

NYLON 6001 L

**GENERAL
PURPOSE BLACK**

PROPERTIES	ASTM TEST	UNITS ENGLISH METRIC	
THERMAL			
Melting Point	D-789	°F °C	419 215
Heat Deflection Temperature 1.8 Mpa (264 psi) (0.125" bar)	D-648	°F °C	-- --
PHYSICAL			
Specific Gravity	D-792		1.14
Mold Shrinkage (1/8"bar) flow direction Transverse direction	D-955	% %	-- --
Relative Viscosity	D-2857		45 - 50
Water Absorption (24 hours immersion)	D-570	%	--
IMPACT			
Izod Impact (1/8" specimen) Room Temperature, Notched	D-256	ft-lb/in J/m	1.0 53.4
TENSILE			
Tensile Strength at Break	D-638	psi MPa	10, 500 72.3
Elongation at Break	D-638	%	20

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.