



NETWORK POLYMERS, INC.

NPP 60-3302
CLEAR POLYESTER
COPOLYMER

PROPERTIES	ASTM TEST	UNITS ENGLISH METRIC	
PHYSICAL			
Melt Flow, Procedure A Condition O (300°C/1.2 kg)	D1238	g/10 min	112.0
Specific Gravity	D-792		1.33
Mold Shrinkage	D-955	in/in mm/mm	--
Rockwell Hardness	D-785	R scale	-
Intrinsic Viscosity	D-4603		0.79
IMPACT			
Falling Weight Impact (Gardner Impact) @ 73°F @ 0°F @ -20°F	D-5420	in.-lb.	> 320 -- --
TENSILE			
Tensile Yield Strength, Type I bar chs 2.0 in/min	D-638	psi MPa	8,600 59.2
Elongation @ Yield @ Break	D-638	%	4.0 41.0
FLEXURAL			
Flexural Modulus, tangent chs 0.05 in/min	D-790	psi MPa	374,000 2,577
THERMAL			
Heat Deflection Temperature 0.125"bar @ 1.8MPa (264psi) Unannealed/Conditioned 48 hours @ 23°C (73°F)	D-648	°F °C	141 60.5
OPTICAL			
Haze	D-1003	%	--
Light Transmission	D-1003	%	--

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.