



NETWORK POLYMERS, INC.

NPP 60-3301
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	120.0
Specific Gravity	D-792		1.39
Mold Shrinkage	D-955	in/in mm/mm	-- --
Rockwell Hardness	D-785	R scale	-
Intrinsic Viscosity	D-4603		0.74
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	%	--

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