



NETWORK POLYMERS, INC.

PRELIMINARY DATASHEET

BLOW MOLDING GRADE

**NPP 25-0120B GF15
GLASS FILED
COPOLYMER
POLYPROPYLENE**

PROPERTIES	ASTM TEST	UNITS ENGLISH METRIC	
PHYSICAL			
Melt Flow Rate - Procedure A Condition L (230°C/2.16 kg)	D-1238	g/10 min	0.9
Density	D-792	g/cm ³	1.02
Ash Content	D-5630	%	15
Mold Shrink	D-955	%	1.6 ± 0.2
IMPACT			
Izod Impact, notched Test Method A (.125" bar)	D-256	ft-lb/in J/m	3.4 181.6
TENSILE			
Tensile Strength @ Yield Type I bar, chs 2.0 in/min	D-638	psi MPa	4,460 31
Elongation @ Yield Type I bar, chs 2.0 in/min	D-638	%	0.6
Tensile Modulus, Type I bar, chs 2.0 in/min	D-638	psi MPa	436,500 3,007
FLEXURAL			
Flexural Modulus 0.125" bar, SL 2 inches chs 0.05"/min	D-790	psi MPa	433,000 2,983
Flexural Strength 0.125" bar, SL 2 inches chs 0.05"/min	D-790	psi MPa	22 6,440 44.4
THERMAL			
Heat Deflection Temperature @ 66 psi, 0.125" bar	D-648	°F °C	279 137
Vicat Softening Point 120°C/hr, 10 N load	D-1525	°F °C	486 152

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