



NETWORK POLYMERS, INC.

SBN 150
STYRENE BUTADIENE
ACRYLONITRILE
TERPOLYMER

PROPERTIES	ASTM TEST	UNITS ENGLISH METRIC	
PHYSICAL			
Melt Flow, Procedure A Condition G (200°C/5.0 kg)	D1238	g/10 min	7.4
Specific Gravity	D-792		1.04
Mold Shrinkage	D-955	in/in mm/mm	NA NA
Shore Hardness	D-2240	Shore D	NA
Light Transmission		%	NA
Moisture Absorption, 24h	D-570	%	NA
IMPACT			
Izod Impact, notched 0.125", 23°C (73°F)	D-256	ft-lb/in J/m	0.5 26.7
TENSILE			
Tensile Yield Strength, chs 2.0 in/min	D-638	psi MPa	6,600 45.5
Elongation @ Break chs 2.0 in/min	D-638	%	10
FLEXURAL			
Flexural Modulus, tangent chs 0.05 in/min	D-790	psi MPa	300,000 2,067
Elastic Modulus	D-638	psi MPa	NA NA
THERMAL			
Heat Deflection Temperature 0.125"bar @ 1.8MPa (264psi) Unannealed/Conditioned 48 hours @ 23°C (73°F)	D-648	°F °C	181 83
Vicat Softening Point, 0.125", 1kg	D-1525	°F °C	210 99

This is to certify that the above product meets the requirements of FDA Regulation 21 CFR 177.1640 and 21 CFR 181.32(a)(3)(ii) and 21 CFR 181.32.

ES/12-11-98

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