NETWORK POLYMERS, INC.

SAN-Styrene Acrylonitrile
Transparent Engineering Thermoplastic

SAN 250 with Lube

PROPERTIES	ASTM METHOD	UNITS ENGLISH METRIC	
PHYSICAL			
Melt Flow Rate - Procedure A	D-1238		
Condition G (200° C/5.0 kg)		g/10 min	1.3
Condition I (230° C/3.8 kg)		g/10 min	5.1
Specific Gravity	D-792		1.08
Mold Shrinkage	D-955	in/in	0.002-0.006
		cm/cm	0.002-0.006
Rockwell Hardness	D-785	R scale	122
IMPACT			
Izod Impact, notched	D-256	ft-lb/in	0.4
0.125", 23° C (73° F)		J/m	21.4
FLEXURAL			
Flexural Modulus	D-790	psi	525,000
		MPa	3,617
TENSILE			
Tensile Yield Strength	D-638	psi	11,500
		MPa	79.2
THERMAL			
Heat Deflection Temperature	D-648		
0.125" bar @ 1.8 Mpa (264 psi)			
Unannealed/Conditioned		°F	187
48 hours @ 23° C (73° F)		°C	86
Vicat Softening Point, 0.125", 1Kg	D-1525	°F	225
		°C	107
FLAMMABILITY RATING			
Minimum Thickness	UL 94		
1.5mm / 0.0625in / 1/16"			
U.L. File Number			
OPTICAL			
Haze	D-1003	%	
Light Transmission	D-1003	%	

SDB/5-28-03

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