



NETWORK POLYMERS, INC.

**NPP 10-2523
LOW DENSITY
POLYETHYLENE**

PROPERTIES	ASTM TEST	UNITS ENGLISH METRIC	
PHYSICAL			
Melt Flow Rate - Procedure A Condition E (190°C/2.16 kg)	D -1238	g/10 min	24.0
Density	D-1505	g/cm ³	0.923
TENSILE			
Tensile Strength @ Break	D-638	psi MPa	1,600 11
Elongation @ Break	D-638	%	150
FLEXURAL			
Flexural Modulus Test Method I, Procedure B (chs 0.05 in/mm)	D-790	psi MPa	44,000 303
THERMAL			
Low Temperature Brittleness F50 @°C	D-746	°F °C	<-31 <-35

EGG/9-1-97

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