

D-940 Properties		ASTM Test Method	Typical Values	
Gauge			60	75
Yield (sq. in. per pound)			49,000	39,000
Haze (%)		D 1003-95	4.1	5.9
Gloss (%)		D 2457-90	81	81
Clarity (%)		D 1746-92	80	80
Instrumented Impact Strength (lbs)		D 3763-95a	9.0	11.2
Coefficient of Friction (film-to-film, kinetic)		D 1894-95	0.23	0.25
Water Vapor Transmission Rate (gms/100sq. In./24hrs.);100% RH, 100° F		F 1249-90	2.0	1.6
Oxygen Transmission Rate (cc/m ² /24hrs. @ 73° F, 1atm)		D 3985-95	13,800	12,000
Tear Propagation (gms)	LD*	D 1938	19	25
	TD**		11	15
Elongation at Break (%)	LD*	D 882-95	100	100
	TD**		110	110
Minimum Use Temperature			-60° F	
Maximum Storage Temperature			90° F	
			LD*	TD**
Tensile Strength (psi)		D 882-95	11,000	9,500
Modulus of Elasticity (psi @ 73° F)		D 882-95	26,000	29,000
Free Shrink (%)		D 2732-83		
	@180° F		12	15
	@200° F		25	30
	@220° F		44	44
	@240° F		69	67
	@260° F		81	78
Shrink Tension (psi)		D 2838-95		
	@200° F		250	260
	@220° F		270	270
	@240° F		275	280
	@260° F		260	260
*Longitudinal Direction **Transverse Direction				
This information represents our best judgement based on the work done, but the Company assumes no liability whatsoever in connection with the use of information or findings contained herein. D-940 complies with the requirements of the Federal Food, Drug and Cosmetics Act, as amended, for the packaging of all foods, with the exception of high alcoholic, at temperatures of 65°C and below.				