

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/100sg. In./24hrs.);100% RH, 100° F	F 1249-90	2.0	1.6
	Oxygen Transmission Rate (cc/m²/24hrs. @ 73° F, 1atm)	D 3985-95	13,800	12,000
	Tear Propagation (gms) LD* TD**	D 1938	19 11	25 15
	Elongation at Break (%) LD* TD**	D 882-95	100 110	100 110
	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.