

IMPACT™ Properties		ASTM Test Method	Typical Values				
	Grade/Instrumented Impact Strength (lb.)	D 3763-95a	19	24	27	34	38
	Haze (%)	D 1003-95	2.5	3.0	3.2	3.5	3.7
	Gloss (%)	D 2457-90	93	93	93	93	91
	Clarity (%)	D 1746-92	85.8	84	84	82.6	82.6
	Coefficient of Friction (film-to-film, kinetic)	D 1894-95	0.22	0.22	0.23	0.23	0.23
	Water Vapor Transmission Rate (gms/100sq. in./24hrs.)	F 1249-90	1.65	1.38	1.21	0.95	0.74
	Oxygen Transmission Rate (cc/m²/24hrs. @ 73°F, 1atm)	D 3985-95	9,860	8,550	7,220	5,700	4,460
	Tear Propagation (gms)	LD* TD** D 1938	5.2	6.5	7.5	9.6	15.0
			4.3	5.7	6.5	8.1	12.7
	Yield (sq. in. per pound)		57,660	48,360	42,230	33,320	26,100
	Minimum Use Temperature		-60°F				
	Maximum Storage Temperature		90°F				
			LD*		TD**		
	Tensile Strength (psi)	D 882-95	20,000		21,000		
	Elongation at Break (%)	D 882-95	120		130		
	Modulus of Elasticity (psi @ 73°F)	D 882-95	58,000		63,500		
	Free Shrink (%)	D 2732-83					
	@200°F		13		16		
	@220°F		21		28		
	@240°F		51		56		
	@260°F		79		77		
	Shrink Tension (psi)	D 2838-95					
	@200°F		350		490		
	@220°F		450		590		
	@240°F		510		575		
	@260°F		530		550		
	@280°F		530		520		

Note: These are typical values for Cryovac films. They are not intended for use as limiting specifications. *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.

IMPACT™ shrink film complies with the requirements of the Federal Food, Drug and Cosmetics Act, as ammended for the packaging of all foods, with the exception of high alcoholic, at temperatures of 65° C and below.