

	Typical Values							
	ASTM Test	CT301	CT303	CT304	CT305	CT306	CT307	CT308
<b>Gauge</b>		30	42	55	70	90	115	150
<b>Impact Strength Peak Load (Lbs.)</b>	D3763-95a	7.5	11.4	14.3	20.0	20.2	27.2	29.7
<b>Haze (%)</b>	D1003-95	3.2	2.7	3.0	3.9	4.6	5.4	6.5
<b>Clarity (%)</b>	D1746-92	85.5	82.8	82.7	78.4	76.6	73.2	71.3
<b>Gloss (%)</b>	D2457-90	86	85	84	84	81	77	74
<b>Coefficient of Friction (film/film, kinetic average)</b>	D1894-95	0.170	0.193	0.148	0.133	0.120	0.140	0.135
<b>Moisture Vapor Transmission Rate (gms/100 sq in/24 hrs. /atm)</b>	F1249-90	2.2	1.56	1.33	0.95	0.76	0.59	0.49
<b>Oxygen Transmission Rate (cc/m2 /24hrs/atm)</b>	D3985-95	17000	11970	9280	6960	5450	3858	3490
LD/TD								
<b>Tensile Strength (x1000 psi)</b>	D882-95	20.9/21.6	19.1/19.8	17.7/19.2	17.4/19.5	16.1/18.8	15.2/15.8	13.9/14.9
<b>Elongation at Break (%)</b>	D882-95	88/105	92/93	94/120	120/130	120/110	175/150	170/170
<b>Modulus (x1000 psi)</b>	D882-95	69.0/69.6	65.4/64.0	62.3/63.4	62.3/63.4	53.0/63.8	58.5/59.8	51.0/52.5
<b>Elmendorf Tear (g)</b>	D1922	15.9/11.8	23.2/25.0	34.6/34.1	46.9/42.5	53.0/39.9	84.6/67.0	129.2/157.3
<b>Shrink Tension (psi)</b>								
@ 200° F	D838-95	476/664	313/586	355/540	288/573	226/558	261/472	225/503
@ 220° F		499/641	420/629	441/617	364/623	301/630	328/505	307/553
@ 240° F		548/578	537/637	498/599	430/596	361/651	393/539	367/552
<b>Free Shrink (%)</b>								
@ 200° F	D2732-83	11/17	10/16	11/16	10/18	8/17	11/18	10/19
@ 220° F		20/30	18/30	20/29	18/30	16/28	19/30	19/31
@ 240° F		53/57	53/58	55/59	54/58	50/58	53/58	57/61

LD = Longitudinal Direction / TD = Transverse Direction

This information represents our best judgement based on the work done. The company assumes no liability whatsoever in connection with the use of information or findings contained herein. Current data is based on limited samples and is subject to modification pending finalization.

**Food Law Guidelines**

These materials comply with the requirements of the Federal Food, Drug and Cosmetics Act, as amended, for the packaging of food under approved Conditions of use. Please contact your Customer Service representative for a Letter of Guarantee setting forth conditions of use and limitations of liability.

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Approved By: Mary L. Fitzgerald  
Quality Specifications Manager

*Notification of changes are not automatically generated. Updates are available on request.*

Last Modified: May 2023