

PROPERTIES

Opti® 111 Centerfold Properties	Typical Values			
Gauge	50	60	75	100
Instrumented Impact				
Peak Load (lbs.)	17	18	21	29
Optical Properties				
Haze (%)	3.5	3.6	3.8	3.9
Clarity (%)	87	87	85	82
Coefficient of Friction				
(Kinetic)	0.3	0.3	0.3	0.3
Oxygen Transmission Rate				
(cc/m ² /day @ 73F, 0% RH)	8700	8500	6800	5000
Moisture Vapor Transmission				
(g/100 in ² /day @ 100F, 100% RH)	1.3	1.3	1.1	0.9
	LD/TD	LD/TD	LD/TD	LD/TD
Tensile at Break (x 1000 psi)	13/19	13/19	13/19	13/19
Elongation at Break (%)	80/80	80/80	80/80	80/80
Modulus (x 1000 psi @ 73°F)	65/65	65/65	65/65	65/65
Shrink Tension (psi)				
200F	330/500	330/500	330/500	330/500
220F	390/550	390/550	390/550	390/550
240F	420/580	420/580	420/580	420/580
260F	420/500	420/500	420/500	420/500
280F	400/430	400/430	400/430	400/430
300F	400/430	400/430	400/430	400/430
Free Shrink (%)				
200F	13/19	13/19	13/19	13/19
220F	20/30	20/30	20/30	20/30
240F	50/55	50/55	50/55	50/55
260F	70/70	70/70	70/70	70/70
280F	71/71	71/71	71/71	71/71
300F	71/71	71/71	71/71	71/71

LD = Longitudinal Direction / TD = Transverse Direction

This information represents our best judgment based on the work done, but the company assumes no liability whatsoever in connection with the use of information or findings contained herein. Opti® 111 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 substances, at temperatures of 65°C and below.

Distributed by:



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