

# REYNOLON<sup>®</sup>

## Shrink Film Packaging

# 5011

### Typical Property Data

#### Soft Touch, Very Low Biaxial Shrinkage, Non-Food Packaging

5011 is a very low shrink, biaxially oriented film with low shrink force with outstanding sparkle and clarity for all non-food products. This film can be used for the most delicate packages to prevent the curl or bend that occurs with higher shrink force films. It is a medium formulation that has excellent machinability and provides good seals to make your package look its best. Available single wound or center-folded.

Properties	Units	Values												Test Method	
														ASTM	RTM
		MD	CD	MD	CD	MD	CD	MD	CD	MD	CD	MD	CD		
Gauge	-	60		75		100		125		150		200			
Yield	Sq.In./Lb.	35,700		28,600		21,500		17,200		14,200		10,600		D646	1260
Roll Weight	Lbs./In	1.68		1.68		1.67		1.67		1.69		1.70			
Density	gm/cc	1.31		1.31		1.31		1.31		1.31		1.31		D1505	1217
Yield Strength	psi	3,500	3,300	3,500	3,300	3,500	3,300	3,500	3,300	3,500	3,300	3,500	3,300	D822	1254
Tensile Strength	psi	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	D822	1254
Elongation	%	140	180	150	180	150	180	150	180	150	180	150	180	D822	1254
Shrinkage at 150°F	% Linear Dimensional Change	11	8	11	8	13	10	13	10	11	9	11	9	D2732	1257
Shrinkage at 250°F		15	13	15	13	17	15	17	15	17	15	17	15	D2732	1257
Shrink Force @ 250°F	psi	120	120	120	120	140	140	140	140	140	140	140	140	D1504	1249
Haze	%	3.5		4		4		4		4		4			1262
Seal Range (Lap)	°F	280-320		280-320		280-320		280-320		280-320		280-320			1251
Slip-Coefficient of Friction	Static COF	0.2		0.2		0.2		0.2		0.2		0.2		D1894	1256
	Kinetic COF	0.2		0.2		0.2		0.2		0.2		0.2		D1894	1256

RTM - Reynolds Test Methods

ASTM - American Society for Testing and Materials

Special Gauges on Inquiry

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