

# REYNOLON<sup>®</sup>

## Industrial Packaging Film

# 3011

### Typical Property Data

#### Semi-Soft, Very Low Biaxial Shrinkage

3011 is a very low shrink, biaxially oriented film with low shrink force. This film can be used for the most delicate packages, which may curl or blend with higher shrink force films. It has excellent machinability and provides good , tight seals. Made of 54% non-petroleum resources and 100% vegetable based plasticizers. Available single wound or center-folded.

Properties	Units	Values												Test Method	
		MD	CD	MD	CD	MD	CD	MD	CD	MD	CD	MD	CD	ASTM	RTM
Gauge	-	60		75		100		125							
Yield	Sq.In./Lb.	36,300		29,100		21,800		17,400						D646	1260
Standard Roll Footage	Feet	5,000		4,000		3,000		2,400							
Centerfold Roll Footage	Feet	2,500		2,000		1,500		1,200							
Roll Weight	Lbs./In	1.65		1.65		1.65		1.66							
Density	gm/cc	1.27		1.27		1.27		1.27						D1505	1217
Yield Strength	psi	4,900	4,700	4,900	4,700	4,500	4,700	4,500	4,700					D882	1254
Tensile Strength	psi	6,100	6,400	6,100	6,400	5,500	6,200	5,500	6,200					D882	1254
Elongation	%	160	155	160	155	200	210	200	210					D882	1254
Shrinkage at 150°F	% Linear Dimensional Change	10	10	10	10	10	10	10	10					D2732	1257
Shrinkage at 250°F		16	17	16	17	16	17	16	17					D2732	1257
Shrink Force @ 250°F	psi	85	85	85	85	85	85	85	85					D1504	1249
Haze	%	3		3		3		3							1262
Seal Range (Lap)	°F	280-320		280-320		280-320		280-320							1251
Slip-Coefficient of Friction	Static COF	0.35		0.35		0.35		0.35						D1894	1256
	Kinetic COF	0.35		0.35		0.35		0.35						D1894	1256

RTM - Reynolds Test Methods

ASTM - American Society for Testing and Materials

Special Gauges on Inquiry

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