

**Product:** POF Shrink Film Bags  
**Description:** Co-extruded co-polymer film, bi-axially oriented and heat shrinkable with 30% polypropylene in skin layers and 70% polyethylene in core layer.  
**Application:** Works well on a wide range of end use applications; Complies with FDA and USDA regulations governing direct contact food packaging

TEST ITEM	UNIT	ASTM TEST	60G	75G	100G
THICKNESS	MICRON		15	19	25
	<b>GAUGE</b>		<b>60</b>	<b>75</b>	<b>100</b>
MAX. STORAGE TEMP. (1 YEAR)	°C		32	32	32
SHRINK TEMP. AIR	°C		120 – 160	120 - 160	120 – 160
DENSITY			0.92	0.92	0.92
REEL LENGTH					
FLAT FILM	M		2664	2134	1600
CENTERFOLD FILM	M		1332	1067	800
HAZE	%	D-1003	2.8	3	3.2
GLOSS @ 45 DEG	%	D-2457	85	85	85
IMPACT STRENGTH	g	D-1709	375	390	410
WATER VAPOR TRANSMISSION	g/cm <sup>2</sup> /day	F-372	.0023	.0024	.0025
TENSILE STRENGTH – LD	kg/cm <sup>2</sup>	D-882	1180	1200	1220
TENSILE STRENGTH – TD	kg/cm <sup>2</sup>	D-882	1220	1240	1260
ELONGATION AT BREAK – LD	%	D-882	122	127	132
ELONGATION AT BREAK – TD	%	D-882	125	125	130
MODULUS OF ELASTICITY – LD	kg/cm <sup>2</sup> @ 23°C	D-882	3120	3230	3340
MODULUS OF ELASTICITY – TD	kg/cm <sup>2</sup> @ 23°C	D-882	3320	3440	3570
COEFFICIENT OF FRICTION		D-1894	.3	.3	.3
TEAR PROPAGATION	g	D-1922	12	12	13
SHRINK (AT 150°C) - LD	%		58	50	48
SHRINK (AT 150°C) – TD	%		61	52	50

**MD – Machine Direction (vertical or length shrinkage)**

**TD – Transverse Direction (horizontal or width shrinkage)**

This data should be considered as average typical properties and not as a specification. This data is offered for information purposes and does not represent any type of guarantee or warranty of performance. No liability is assumed for any incidents that may arise from use of this data. We urge purchases to conduct independent tests to determine final suitability for their specific application.