

Syfan Sytec 307S Polyolefin Shrink Film Properties						
Property	Method	Units	50G	60G	75G	100G
Haze	ASTM D-1003	[%]	4.5	4	5	4.5
Gloss 45	ASTM D-2459	Gloss Units	85	86	87	87
COF	ASTM D-1894		< 0.25	< 0.25	< 0.25	< 0.25
Shrinkage MD/TD	120 °C Oil Bath	[%]	67/66	65/66	63/65	62/63
Tear Resistance MD/TD	Elmendorf	gr/25μ	25/20	30/25	30/30	25/30
Ultimate Tensile Strength MD/TD	ASTM D-882	PSI	15000/ 16000	15000/ 17000	14000/ 15500	13000/ 15000
Elongation MD/TD	ASTM D-882	[%]	90/100	90/100	95/105	95/110
MVTR	ASTM E-96	g/100in ² /24hr 1atm@99°F	2.1	1.6	1.3	0.96
OTR	ASTM D-3985	cc/m ² /24hr 1atm@77°F	10100	7600	6100	4600
CO ₂	Gas Chromatograph	cc/100in ² /24hr 1atm@77°F	2600	2015	1600	1200

Gauge		50 G	60G	75G	100G
Yield	in ² /lb	62500	52100	41100	31200
Roll Length	SW/ft	10500	8750	7000	5250
	CF/ft	5250	4375	3500	2625
Nominal Thickness/Microns		12.5	15	19	25
Yield	m ² /kg	87.5	73	57	44
Roll Length	SW/m	3200	2650	2134	1600
	CF/m	1600	1325	1067	800