



Polar Plastics Inc.

Physical Properties for Polar Co-Extruded Tri Layer Stretch Film

<u>Gauge/Mil</u>	<u>60 Gauge</u>	<u>70 Gauge</u>	<u>80 Gauge</u>	<u>90 Gauge</u>	<u>120 Gauge</u>
<i>Haze %</i>	6.9	5.2	4.7	4.4	4
<i>Cling, G:</i>					
<i>0%</i>	130	150	170	190	210
<i>100%</i>	70	80	120	120	125
<i>200%</i>	60	60	80	90	95
<i>Dart,GMS/Mil.</i>	310	320	350	370	380
<i>Elmendorf Tear, G/Min.</i>					
<i>MD:</i>	160	190	210	220	225
<i>TD:</i>	880	890	920	920	930
<i>Tensile Strength</i>					
<i>At 200% MD:</i>	2500	2570	2600	2630	2640
<i>Elongation TD:</i>	1240	1280	1300	1360	1400
<i>Tensile @ Yield, PSI:</i>					
<i>MD:</i>	1000	1140	1190	1200	1240
<i>TD:</i>	1110	1130	1140	1150	1160
<i>Ultimate Tensile %:</i>					
<i>MD:</i>	5160	5370	5400	5440	5460
<i>TD:</i>	5540	5780	5800	5820	5830
<i>Ultimate Elongation %:</i>					
<i>MD:</i>	460	480	510	540	550
<i>TD:</i>	750	780	790	800	810
<i>Min. Per-stretch %:</i>	150	180	200	220	230

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