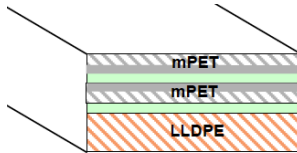


Exclusive USA / European representative  
for Senawang Laminating Technologies



## SL6036A Moisture Barrier Laminate



SL6036A is double metallized polyester based moisture barrier laminate with two layers of 12µm mPET. The construction has been designed to minimize some forms of contamination including outgassing, and non-volatile residues for non-ESD applications. It is free of chlorinated solvents, primary amines, amides and silicone compounds.

PHYSICAL PROPERTIES	TEST METHOD	US STANDARD	METRIC
Thickness*	ASTM D374	3.6 mil	90.0 µm ± 10%
Optical Density*	Densitometer (MPET only)	> 5.0	
Basis Weight*		56.8 lbs/ream	92.8 g/m <sup>2</sup> ± 10%
Yield		53.0 ft <sup>2</sup> /lb 7600 in <sup>2</sup> /lb	10.8 m <sup>2</sup> /kg
Tensile Strength MD* TD*	ASTM D882	9200 psi 10000 psi	63.5 MPa 70.0 MPa
Elmendorf Tear Resistance MD* TD*	ASTM D1922		45 gf 50 gf
Graves Strength MD* TD*	ASTM D1004		1100 gf 1250 gf
Spencer Impact*	ASTM D3420		> 6400 gf
Puncture Resistance*	FTMS 101C Method 2065	23.0 lbf	11300 gf
Moisture Vapor Transmission Rate*	ASTM F1249	< 0.02 g/100 in <sup>2</sup> /day	< 0.3 g/m <sup>2</sup> /day
Heat Seal Range	ASTM F88-99	275°F - 500°F	135°C - 260°F
Seal Strength (min.)	ASTM F88-99 (185°C, 1s, 4 bar)	> 11.0 lbf	> 5000 gf

\*Average values given.

**Shelf Life:** The shelf life of this is one year under normal warehouse conditions. Extreme hot or cold temperatures and humidity can cause a reduction in the shelf life.

**Disclaimer:** The above information is presented in good faith is based on a limited number of samples taken from normal production materials. Actual test values may vary from information presented. MacPac, Inc. and Senawang Laminating Technologies Sdn. Bhd. reserve the right to change the specification at anytime without prior notification. MacPac, Inc. and Senawang Laminating Technologies Sdn. Bhd. assume no liability, expressed or implied, for fitness of use of this product in any application. Users of this material are strongly encouraged to test its fitness of use in their processes and applications.