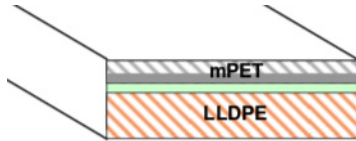


Exclusive USA / European representative
for Senawang Laminating Technologies



SL6124B Moisture Barrier Laminate



SL6124B is metallized polyester based moisture barrier laminate. The construction has been designed to minimize some forms of contamination including outgassing, and non-volatile residues. It is free of slip agents, chlorinated solvents, primary amines, amides and silicone compounds.

PHYSICAL PROPERTIES	TEST METHOD	US STANDARD	METRIC
Thickness*	ASTM D374	2.4 mil	61.0 $\mu\text{m}^2 \pm 10\%$
Optical Density*	Densitometer (MPET only)	2.5	
Basis Weight*		37.8 lbs/ream	61.8 $\text{g}^2 \pm 10\%$
Yield		81.0 ft^2/lb 11650 in^2/lb	16.2 m^2/kg
Tensile Strength MD* TD*	ASTM D882	7100 psi 6530 psi	49.0 MPa 45.0 MPa
Elmendorf Tear Resistance MD* TD*	ASTM D1922		60 gf 60 gf
Graves Strength MD* TD*	ASTM D1004		910 gf 1100 gf
Spencer Impact*	ASTM D3420		2700 gf
Puncture Resistance*	FTMS 101C Method 2065	12.0 lbf	5400 gf
Moisture Vapor Transmission Rate*	ASTM F1249	0.02 $\text{g}/100 \text{ in}^2/\text{day}$	0.3 $\text{g}/\text{m}^2/\text{day}$
Oxygen Gas Transmission Rate	ASTM D 3985-05 (23.0°C, 0% RH)	0.0402 $\text{cc}/100 \text{ in}^2/\text{day}$	0.623 $\text{cc}/\text{m}^2/\text{day}$
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)	> 10.0 lbf	> 4500 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.