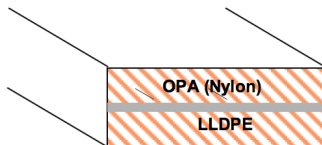


*Exclusive USA / European representative
for Senawang Laminating Technologies*



SL8848A OPA/PE Laminate



SL8848A is Nylon / polyethylene laminate. It is free of chlorinated solvents, primary amines, amides and silicone compounds.

PHYSICAL PROPERTIES	TEST METHOD	US STD.	METRIC
Thickness*	ASTM D374	4.8 mil	121.0 $\mu\text{m} \pm 10\%$
Basis Weight*		69.7 lbs/ream	113.5 $\text{g}/\text{m}^2 \pm 10\%$
Yield		43.0 ft^2/lb 6193 in^2/lb	8.8 m^2/kg
Tensile Strength MD* TD*	ASTM D882	4641 psi 4061 psi	32.0 MPa 28.0 MPa
Elmendorf Tear Resistance MD* TD*	ASTM D1922		200 gf 200 gf
Graves Strength MD* TD*	ASTM D1004		1700 gf 1600 gf
Spencer Impact*	ASTM D3420		3900 gf
Puncture Resistance*	FTMS 101C Method 2065	18.0 lbf	8100 gf
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)	> 17.6 lbf	> 8000 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 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.