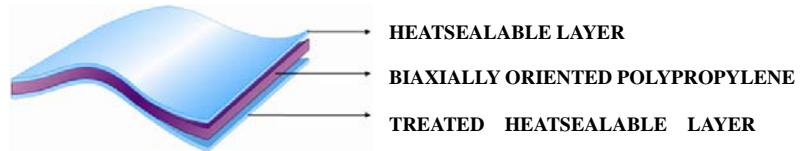


## SPT

### Heatsealable Coextruded Biaxially Oriented Polypropylene Film

#### Description:

A coextruded heat set Biaxially Oriented Polypropylene film, with two side heatsealable layers for printable high speed cigarette machines.



#### Application:

SPT film is specially designed for use on high speed cigarette single soft pack overwrap machines. It is widely used for cigarette packaging and general overwrap.

#### Features:

- \*Printable
- \*High clarity and gloss.
- \*High moisture barrier.
- \*High tensile strength and stiffness.
- \*Excellent heatseal strength.

#### Standard Thickness:

21, 23 and 25 microns.

PROPERTIES		TESTING METHODS	UNIT	TYPICAL VALUES (SPT21)
<b>Mechanical</b>				
Tensile Strength	MD	ASTM D 882	N/mm <sup>2</sup>	150
	TD			250
Elongation	MD	ASTM D 882	%	180
	TD			70
Secant Modulus	MD	DIN 53457	N/mm <sup>2</sup>	2000
<b>Physical</b>				
Coefficient of Friction	film/film	ASTM D 1894	-	0.20
Gloss 45°		ASTM D 2457	Unit gloss	88
Haze		ASTM D 1003	%	1.5
<b>Barrier</b>				
MVTR		ASTM E 96-80 38°C, 90% RH	g/ m <sup>2</sup> /24 hrs	7.0
O <sub>2</sub> TR		ASTM D 3985-81 23°C, 0% RH	cm <sup>3</sup> /m <sup>2</sup> /atm/24 hrs	1800
<b>Thermal</b>				
Thermal Shrinkage	MD	ASTM D 1204 120°C, 5 min	%	3.4
	TD			1.4
Sealing Range		0.5 sec, 150N	°C	105-140
Sealing Strength		120 °C, 0.5 Sec, 150 N	g/15 mm	280
<b>Miscellaneous</b>				
Surface Tension		ASTM D 2578	dyne/cm	38

The information given in this Technical Data Sheet illustrates the main characteristics of our Group's product and to the best of our knowledge represents the best information available. These typical values shall not be construed as product specifications, nor shall these be considered as a guarantee, expressed or implied, that the product is suitable for the specific customer applications. It is strongly suggested that purchasers determine the product's final suitability for their specific end uses. Our Group's total liability for any and all claims, losses or damages, shall in no event exceed the purchase price of the product.



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