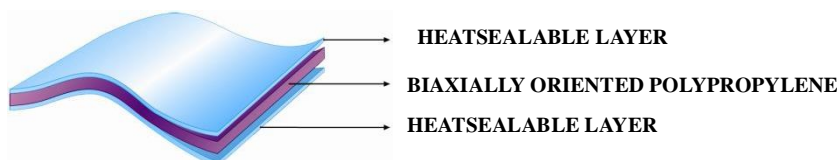


SHS

Heatsealable Coextruded Biaxially Oriented Polypropylene Film

Description:

A coextruded heat set Biaxially Oriented Polypropylene film, with two side heatsealable layers and tight-wrap property for single pack and carton pack overwrap.



Application:

SHS film is specially designed for use on high speed cigarette overwrap machines. It gives an excellent appearance with exceptional tight-wrap quality. It is widely used for premium cigarette and high quality products packaging.

Features:

- *High clarity and gloss.
- *High moisture barrier.
- *High tensile strength.
- *Excellent heatseal strength.
- *Control shrink for tight-wrap.

Standard Thickness :

18, 20, 21, 22 and 23 microns.

PROPERTIES		TESTING METHODS	UNIT	TYPICAL VALUES (SHS21)
Mechanical				
Tensile Strength	MD	ASTM D 882	N/mm ²	160
	TD			260
Elongation	MD	ASTM D 882	%	170
	TD			60
Secant Modulus	MD	DIN 53457	N/mm ²	2300
Physical				
Coefficient of Friction	film/film	ASTM D 1894	-	0.20
Gloss 45°		ASTM D 2457	Unit gloss	91
Haze		ASTM D 1003	%	0.9
Barrier				
MVTR		ASTM E 96-80 38°C, 90% RH	g/ m ² /24 hrs	4.0
O ₂ TR		ASTM D 3985-81 23°C, 0% RH	cm ³ /m ² /atm/24 hrs	1200
Thermal				
Thermal Shrinkage	MD	ASTM D 1204 120°C, 5 min	%	7.0
	TD			9.0
Sealing Range		0.5 sec, 150N	°C	105-140
Sealing Strength		120 °C, 0.5 Sec, 150 N	g/15 mm	280

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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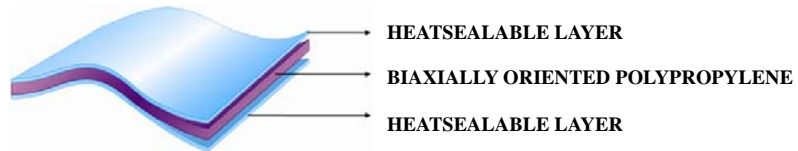
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云南昆岭薄膜工业有限公司
SUZHOU KUNLENE FILM INDUSTRIES CO LTD
苏州昆岭薄膜工业有限公司

SHT

Heatsealable Coextruded Biaxially Oriented Polypropylene Film

Description:

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



Application:

SHT 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:

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

Standard Thickness:

18, 21, 23 and 25 microns.

PROPERTIES		TESTING METHODS	UNIT	TYPICAL VALUES (SHT18)
Mechanical				
Tensile Strength	MD	ASTM D 882	N/mm ²	150
	TD			250
Elongation	MD	ASTM D 882	%	180
	TD			70
Secant Modulus	MD	DIN 53457	N/mm ²	2000
Physical				
Coefficient of Friction	film/film	ASTM D 1894	-	0.20
Gloss 45°		ASTM D 2457	Unit gloss	88
Haze		ASTM D 1003	%	1.4
Barrier				
MVTR		ASTM E 96-80 38°C, 90% RH	g/ m ² /24 hrs	7.0
O ₂ TR		ASTM D 3985-81 23°C, 0% RH	cm ³ /m ² /atm/24 hrs	1800
Thermal				
Thermal Shrinkage	MD	ASTM D 1204 120°C, 5 min	%	4.0
	TD			2.0
Sealing Range		0.5 sec, 150N	°C	105-140
Sealing Strength		120 °C, 0.5 Sec, 150 N	g/15 mm	280

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