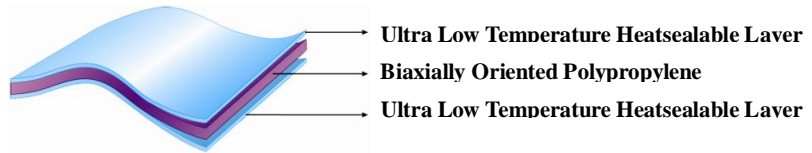


SHN

Ultra Low Seal Heatsealable Coextruded Biaxially Oriented Polypropylene Film

Description:

A coextruded heat set Biaxially Oriented Polypropylene film, with two side heatsealable layers for super low sealing temperature, specially designed for naked and bundle overwrap.



Application:

SHN film is specially designed for use on naked and bundle overwrap machines. It gives a premium appearance with good shrinkage balance for tighter wrap application.

Features:

- *Extremely low sealing initiation temperature.
- *High clarity and gloss.
- *High moisture barrier.
- *High tensile strength.
- *Good heatseal strength.

Standard Thickness:

23 and 25 microns.

PROPERTIES		TESTING METHODS	UNIT	TYPICAL VALUES (SHN 25)
Mechanical				
Tensile Strength	MD	ASTM D 882	N/mm ²	150
	TD			260
Elongation	MD	ASTM D 882	%	180
	TD			50
Secant Modulus	MD	DIN 53457	N/mm ²	2300
Physical				
Coefficient of Friction	film/film	ASTM D 1894	-	0.30
Gloss 45°		ASTM D 2457	Unit gloss	88
Haze		ASTM D 1003	%	1.8
Barrier				
MVTR		ASTM F 1249 38°C, 90% RH	g/ m ² /24 hrs	5.0
O ₂ TR		ASTM D 3985 23°C, 0% RH	cm ³ /m ² /atm/24 hrs	1500
Thermal				
Thermal Shrinkage	MD	ASTM D 1204 120°C, 5 min	%	6
	TD			7
Sealing Range		0.5 sec, 150N	°C	70-100
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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