

Isotropic Film (TT)



KEY FEATURES- SPARSHPET-TT is an optically clear transparent film with high clarity low haze, high gloss. The film possesses good Optical and surface properties along with excellent transparency and dimensional stability. Isotropic films are also available with Corona treated and chemical coated wound inside/outside.

APPLICATIONS- Suitable especially in application of lidding for cups, trays and tubes e.g. Yogurt, Ice cream, beverages, packaged Food trays etc.

TECHNICAL DATA SHEET						
Properties		Unit	Test Method	Typical Values		
General						
Thickness		Micron	SIPL	12 ± 0.30	23 ± 0.40	36 ± 0.40
Yield		M ² /Kg	SIPL	59.50	31.10	19.80
Mechanical						
Tensile Strength (MIN)	MD	Kg/cm ²	ASTM-D 882	2100	2000	2000
	TD			2000	1900	1900
Tensile Strength (MIN)	Tensile Strength +45°	Kg/cm ²	ASTM-D 882	2200	2200	2000
	Tensile Strength -45°			2300	2300	2200
Elongation (MIN)	MD	%	ASTM-D 882	120 ± 20	120 ± 20	120 ± 20
	TD			120 ± 20	120 ± 20	120 ± 20
Elongation	Elongation +45°	%	ASTM-D 882	115 ± 10	100 ± 10	100 ± 10
	Elongation -45°			100 ± 10	90 ± 10	90 ± 10
Ratio	Tensile Strength +45°/-45°		ASTM-D 882	0.75 - 1.20	0.75 - 1.20	0.75 - 1.20
	Elongation +45° /-45°			0.70 - 1.40	0.70 - 1.40	0.70 - 1.40
Surface						
Co-efficient of Friction(COF)	Static		ASTM-D 1894	0.40 ± 0.10	0.40 ± 0.10	0.40 ± 0.10
	Dynamic			0.30 ± 0.10	0.30 ± 0.10	0.30 ± 0.10
Wetting Tension	Plain Side	Dyne/cm	ASTM-D 2578	Min 44	Min 44	Min 44
Optical						
Haze (MAX)		%	ASTM-D 1003	3.0	3.5	4.0
Thermal						
Shrinkage @ 150 C/30'	MD	%	ASTM-D 1204	2.0 ± 0.50	2.0 ± 0.50	2.0 ± 0.50
	TD			0.4 ± 0.20	0.4 ± 0.20	0.4 ± 0.20

Disclaimer: The data sheet information is to the best of our knowledge and experience. Some values may be customized wherever possible, as per the customer's requirement. Sparsh Industries Pvt. Ltd makes no warranty to the product fitness for any specific use. Data sheet is purely for reader's consideration and verification for sale or contract.

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