

## Corona Treated Film (BB)



**KEY FEATURES** - SPARSHPET-BB is transparent film with one side plain surface and other side Corona treated. The film possesses good thermal, mechanical, optical and surface properties along with excellent transparency and dimensional Stability. Corona treated side can be found inside or outside as per customer required.

**APPLICATIONS** - Suitable for Printing, Metallizing and Lamination process in flexible packaging applications.

The SPARSHPET Film complies with EC 10/2011 relevant regulations and US FDA regulations.

### TECHNICAL DATA SHEET

Properties	Unit	Test Method	Typical Values							
<b>General</b>										
Thickness	Micron	SIPL	8 ± 0.20	10 ± 0.20	11 ± 0.20	12 ± 0.30	15 ± 0.30	19 ± 0.40	23 ± 0.40	
Yield	M <sup>2</sup> /Kg	SIPL	89.3	71.4	64.9	59.5	47.6	37.5	31.1	
<b>Mechanical</b>										
Tensile Strength (Min)	MD	Kg/cm <sup>2</sup>	ASTM-D 882	2100	2100	2100	2100	2000	2000	2000
	TD			2000	2000	2000	2000	1900	1900	1900
Elongation	MD	%	ASTM-D 882	120 ± 20	120 ± 20	120 ± 20	120 ± 20	120 ± 20	120 ± 20	120 ± 20
	TD			120 ± 20	120 ± 20	120 ± 20	120 ± 20	120 ± 20	120 ± 20	120 ± 20
<b>Surface</b>										
Co-efficient of Friction(COF)	Static		ASTM - D 1894	0.5 ± 0.10	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.5 ± 0.1
	Dynamic			0.40 ± 0.1	0.40 ± 0.1	0.40 ± 0.01	0.40 ± 0.01	0.40 ± 0.01	0.40 ± 0.01	0.40 ± 0.01
Wetting Tension (Min)	corona side	Dyne/cm	ASTM - D 2578	52	52	52	52	52	52	52
	Plain Side			44	44	44	44	44	44	44
Static Charge (Max)	Roll Surface	Kv	--	± 4.0	± 4.0	± 4.0	± 4.0	± 4.0	± 4.0	± 4.0
<b>Optical</b>										
Haze (Max)	%	ASTM - D 1003	2.8	3.0	3.0	3.0	3.5	4.0	4.5	
<b>Thermal</b>										
Shrinkage @ 150° C/30'	MD	%	ASTM - D 1204	2.0 ± 0.5	2.0 ± 0.5	2.0 ± 0.5	2.0 ± 0.5	2.0 ± 0.5	2.0 ± 0.5	2.0 ± 0.5
	TD			0.4 ± 0.2	0.4 ± 0.2	0.4 ± 0.2	0.4 ± 0.2	0.4 ± 0.2	0.4 ± 0.2	0.4 ± 0.2

**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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