



## Plain Film (AA)

**KEY FEATURES** - SPARSHPET-AA is transparent film with both side plain surfaces. The film possesses excellent thermal, mechanical, optical, surface properties, transparency and dimensional stability.

**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 (Min)	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 ± 0.10	0.5 ± 0.10	0.5 ± 0.10	0.5 ± 0.10	0.5 ± 0.10	0.5 ± 0.10
	Dynamic			0.40 ± 0.10	0.40 ± 0.10	0.40 ± 0.10	0.40 ± 0.10	0.40 ± 0.10	0.40 ± 0.10	0.40 ± 0.10
Wetting Tension	Plain Side	Dyne / cm	ASTM-D 2578	44-46	44-46	44-46	44-46	44-46	44-46	44-46
<b>Optical</b>										
Haze (Max)		%	ASTM-D 1003	3.0 ± 0.5	3.0 ± 0.5	3.0 ± 0.5	3.0 ± 0.5	3.0 ± 0.5	3.0 ± 0.5	3.0 ± 0.5
<b>Thermal</b>										
Shrinkage @ 150° C/30'	MD	%	ASTM-D 1204	2.0 ± 0.6	2.0 ± 0.6	2.0 ± 0.6	2.0 ± 0.6	2.0 ± 0.6	2.0 ± 0.6	2.0 ± 0.6
	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.

### Sparsh Industries Pvt. Ltd.

**Regd. Office:**

Sparsh House, 165, Patparganj Industrial Area,  
 Delhi- 110092 , INDIA  
 Tel: (+91) 11 42654646 / 42654747 Fax: (+91) 11 43086464

**Factory Address:**

**Unit:1** - G12 to G21, UPSIDC, Industrial Area, Jainpur,  
 Kanpur Dehat, 209311, Uttar Pradesh, INDIA

**Unit:2** – AH-01, NH-19, between Milestone 421-422,  
 Vill. Kumbhi, Akbarpur, Kanpur Dehat – 209101  
 Uttar Pradesh, INDIA

Email: info@sparshgroup.in

Website: www.sparshgroup.in



IMS + HACCP CERTIFIED