



Yarn Grade Film (YYBB)

KEY FEATURES - YYBB is Transparent, high temperature resistance film with one side plain surfaces or one side corona Treated surface. The film possesses good thermal, mechanical, optical and surface properties along with excellent transparency and excellent tensile strength.

APPLICATIONS - Polyester film suitable for metallic yarn grade application.

TECHNICAL DATA SHEET

Properties	Unit	Test Method	Typical Values						
General									
Thickness	Micron	SIPL	12±0.3	12.5±0.3	13±0.3	13.5±0.3	23±0.4	30±0.4	
Yield	M ² /Kg	SIPL	59.5	57.1	54.9	52.91	31.1	23.8	
Mechanical									
Tensile Strength	MD	Kg/cm ²	ASTM-D 882	2200	2200	2200	2200	2100	2100
	TD			2000	2000	2000	2000	1950	1950
Elongation	MD	%	ASTM-D 882	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
Surface									
Co-efficient of Friction	Static		ASTM-D 1894	0.4±0.1	0.4±0.1	0.4±0.1	0.4±0.1	0.45±0.1	0.45±0.1
	Dynamic			0.35±0.1	0.35±0.1	0.35±0.1	0.35±0.1	0.40±0.1	0.40±0.1
Wetting Tension (Min)	Dyne / cm	Plain side	ASTM-D 2578	44	44	44	44	44	44
		Corona side		54	54	54	54	54	54
Optical									
Haze (Max)	%	ASTM-D 1003	3.0	3.0	3.5	3.5	4.0	4.0	
Thermal									
Shrinkage @ 190°C/5'	MD	%	ASTM-D 1204	4.0±0.5	4.0±0.5	4.0±0.5	4.0±0.5	4.0±0.5	4.0±0.5
	TD			-0.2±0.2	-0.2±0.2	-0.2±0.2	-0.2±0.2	-0.2±0.2	-0.2±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



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