



Nahar

POLY FILMS LTD.



PRODUCT CODE HBD	TRANSPARENT ONE SIDE CORONA TREATED METALLISABLE NON HEAT SEALABLE APPLICATION : FILM FOR METALLISATION -DECORATIVE
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TECHNICAL DATA SHEET BOPP

PROPERTIES	TEST METHOD	UNIT	POSITION	HBD10	HBD12	HBD15	HBD17	HBD18	HBD20	HBD25
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PHYSICAL

Thickness	ASTM D 374	MICRON		10	12	15	17	18	20	25
Grammage	NTM	gm/m ²		9.1	10.9	13.7	15.5	16.4	18.2	22.7
Yield	NTM	m ² /kg		109.9	91.7	73.0	64.5	60.9	54.9	44.0
Thickness variation		%(±)		3						

SURFACE

Treatment Level (min)	ASTM D 2578	dyne/cm		38						
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OPTICAL

Haze	ASTM D 1003	%		1.5 - 2.0						
Gloss	ASTM D 2457	-		90 - 92						

MECHANICAL

Coefficient Of Friction	ASTM D 1894	Static		0.45 - 0.50						
		Kinetic		0.40 - 0.45						
Tensile strength	ASTM D 882	Kg/cm ²	MD	1200 - 1500						
			TD	2400 - 2800						
Modulus	ASTM D 882	Kg/cm ²	MD	15000 -18000						
			TD	25000 -28000						
Elongation	ASTM D 882	%	MD	150 - 200						
			TD	50 - 80						

THERMAL

Shrinkage at 120°C/ 5min	ASTM D 1204	%	MD	2 - 4						
			TD	1 - 3						

The values given in this technical datasheet are typical performance data and are believed to be accurate. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. NAHAR POLY FILMS LTD. Suggests to the customer to confirm these values and product compatibility prior to their use and the company offers neither guarantee nor accept any responsibility for the fitness of the product for any other use. Treatment value of BOPP films tend to decay over a period of time during transportation & storage conditions. Therefore it is recommended that the customer should check the treatment levels prior to processing and if a reduction is observed then online corona treatment, high adhesive GSM & a suitable primer may be applied.

NTM: NAHAR TEST METHOD, MD : MACHINE DIRECTION ,TD : TRANSVERSE DIRECTION