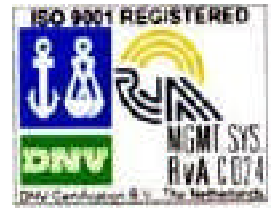




# Nahar

## POLY FILMS LTD.



<b>PRODUCT CODE</b> <b>TML</b>	<b>ONE SIDE MATTE OTHER SIDE CORONA TREATED WITH HEAT SEALABLE</b> <b>APPLICATION : EXTRUSION COATING -Base Film For Thermal Lamination Film</b>
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**TECHNICAL DATA SHEET BOPP**

PROPERTIES	TEST METHOD	UNIT	POSITION	TML-12
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**PHYSICAL**

Thickness	ASTM D 374	MICRON		12
Grammage	NTM	gm/m <sup>2</sup>		10.4
Yield	NTM	m <sup>2</sup> /kg		95.8
Thickness variation		%(±)		3%

**SURFACE**

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

Haze	ASTM D 1003	%		75 - 80
Gloss	ASTM D 2457	-	Matte side	10 - 12
			Glossy Side	55 - 60

**MECHANICAL**

Coefficient Of Friction	ASTM D 1894	Static		0.55 - 0.65
		Kinetic		0.50 - 0.60
Tensile strength	ASTM D 882	Kg/cm <sup>2</sup>	MD	1000 - 1400
			TD	2000 - 2200
Modulus	ASTM D 882	Kg/cm <sup>2</sup>	MD	14000 - 17000
			TD	24000 - 28000
Elongation	ASTM D 882	%	MD	140 - 160
			TD	40 - 60

**THERMAL**

Shrinkage at 120°C/ 5min	ASTM D 1204	%	MD	3 - 6
			TD	1 - 3

**BARRIER**

Water Vapour Transmission Rate	ASTM F 1249	GM/M <sup>2</sup> /24h	-	≤8.2
Oxygen Gas Transmission Rate	ASTM D 3985	cc/M <sup>2</sup> /24h	-	2100

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