



# Nahar

## POLY FILMS LTD.



<b>PRODUCT CODE TRG</b>	<b>Transparent Non heat sealable release grade APPLICATION : Release Film for Plywood</b>
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**TECHNICAL DATA SHEET BOPP**

PROPERTIES	TEST METHOD	UNIT	POSITION	TRG12	TRG15	TRG20
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**PHYSICAL**

Thickness	ASTM D 374	MICRON		12	15	20
Grammage	NTM	gm/m <sup>2</sup>		10.9	13.7	18.2
Yield	NTM	m <sup>2</sup> /kg		91.6	77.5	55.0
Thickness variation		%(±)		3		

**OPTICAL**

Haze	ASTM D 1003	%		1.5 - 2.0		
Gloss	ASTM D 2457	-		90 - 95		

**MECHANICAL**

Coefficient Of Friction	ASTM D 1894	Static		0.40 - 0.45		
		Kinetic		0.30 - 0.35		
Tensile strength	ASTM D 882	Kg/cm <sup>2</sup>	MD	1200 - 1500		
			TD	2400 -2700		
Modulus	ASTM D 882	Kg/cm <sup>2</sup>	MD	17000 - 19000		
			TD	27000-29000		
Elongation	ASTM D 882	%	MD	140 - 180		
			TD	60 - 80		

**THERMAL**

Shrinkage at 120°C/ 5min	ASTM D 1204	%	MD	2.0 - 4.0		
			TD	1.0 - 4.0		

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 tretment, high adhesive GSM & a suitable primer may be applied.

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