



Nahar

POLY FILMS LTD.



PRODUCT CODE MMB		Base film for Matte metallised & other side heat sealable APPLICATION : Snack food packaging			
TECHNICAL DATA SHEET BOPP					
PROPERTIES	TEST METHOD	UNIT	POSITION	MMB 20	MMB 25
PHYSICAL					
Thickness	ASTM D 374	MICRON		20	25
Grammage	NTM	gm/m ²		18.2	22.8
Yield	NTM	m ² /kg		54.9	44.0
Thickness variation		%(±)		3	
SURFACE					
Treatment Level	ASTM D 2578	dyne/cm		38	
MECHANICAL					
Coefficient Of Friction	ASTM D 1894	Static		0.40 - 0.45	
		Kinetic		0.30 - 0.35	
Tensile strength	ASTM D 882	Kg/cm ²	MD	1100 - 1500	
			TD	2200 - 2700	
Modulus	ASTM D 882	Kg/cm ²	MD	15000 - 17000	
			TD	25000 - 27000	
Elongation	ASTM D 882	%	MD	140 - 180	
			TD	40 - 80	
THERMAL					
Shrinkage at 120°C/ 5min	ASTM D 1204	%	MD	2 - 4	
			TD	1 - 3	
Seal Initiation Temperature (Max)	NTM	°C	-	113-115	
Sealing Strength (min) at 120°C/2Bar	NTM	gms/25mm	-	250-300	

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