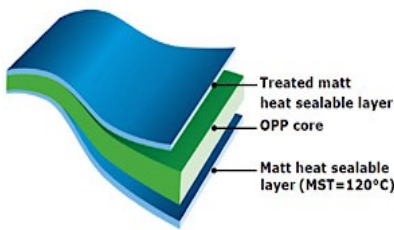


## BOPP TRANSPARENT MATT BOTH SIDES TECHNICAL SHEET



- Both sides matt silk appearance
- Single web structure
- Heat sealable on both sides
- Treated side for printing / lamination

### MATERIAL

BOPP matt, both sides are heat sealable, treated.

Bopp Transparent Matt is usually supplied with treatment on the inside surface (TI).

Bopp Transparent Matt can be supplied either with treatment on the outside surface (TO) or treated on both sides (DO, DI). Please contact us before processing the order.

### APPLICATION

- Paper look lamination
- Rotogravure and flexographic printing
- HFFS and VFFS packaging
- General wrapping.

### HEALTH & SAFETY

Bopp Transparent Matt complies with EC and FDA regulations. Specific documents and MSDS are available on request.

### STORAGE

Bopp Transparent Matt does not require special storage conditions.

A storage temperature below 30°C is recommended in order to minimize the deterioration of the film properties in general.

It is advisable to turn over the inventory according to the delivery date (first in-first out).

The film should be conditioned in the operating environment at least for 24 hours before processing.

Bopp Transparent Matt is suitable for use up to 6 months from the date of production.

Properties	Method	Unit	Ref.	Typical values		
Nominal thickness	Bogophane method	µm		20	30	35
Unit weight		g/m <sup>2</sup>		18.0	27.0	31.5
Yield		m <sup>2</sup> /kg		55.6	37.0	31.7
Tensile strength	ASTM D882	N/mm <sup>2</sup>	MD	140		
Elongation at break			TD	270		
			MD	170		
			TD	50		
Gloss (45°)	ASTM D2457	Gloss Unit		7	12	
Dynamic cof	ASTM D1894		NT/NT	0.50	0.35	
Thermal shrinkage	OPMA TC4(a)	%	MD	6.0		
			TD	2.0		
Heat seal range	Bogophane method	°C	NT/NT	120÷140		
Seal strength	Bogophane method 130°C ;0.5 s	g/cm		250		
Treatment level	ASTM D2578	mN/m		40		
Water vapour permeability	ASTM F1249 (38°C - 90% RH)	g/m <sup>2</sup> /d		7.0	5.0	4.0
<b>Tolerance</b>						
Weight	≤ 1.000 kg		± 20%			
	1.001-10.000 kg		± 10%			
	> 10.000 kg		± 5%			