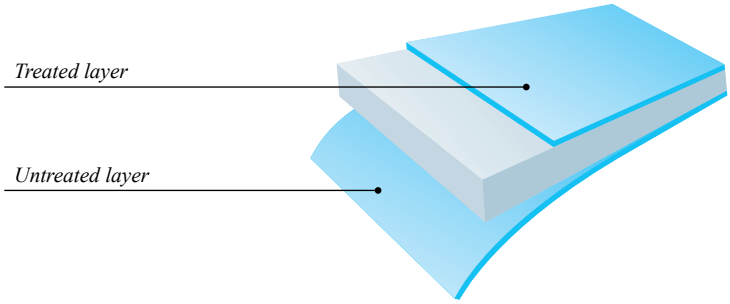
Manucor labels



Technical Data Sheet

Bi-Oriented PolyPropylene Film (BOPP)

PL

25-40 microns

Transparent, high gloss, one-side treated film for premium Roll-Fed Wrap Around Labels

Special Features

- Non-migratory slip system for consistent machinability
- Ultra clear and high gloss for outstanding product presentation
- Excellent web flatness
- High surface energy
- Excellent mechanical properties

Typical Applications

Designed for monoweb wrap-around « no label look » applications. With PL it is possible to reduce film thickness and hence increase the efficiency of operations.
The untreated layer is not receptive to in-line treatment, please run appropriate tests to determine suitability. It can be used as outer film for laminated food packaging VFFS and HFFS structures. It does not have release performances.

Properties	Unit	Typical Values				Method
Thickness	micron	25	30	35	40	Manucor - gravimetric
Effective thickness	micron	25	29	34	40	Manucor - gravimetric
Unit weight	g/m²	22.8	26.4	30.9	36.4	Manucor - gravimetric
Yield	m²/kg	44	37.9	32.3	27.5	Manucor method
Surface tension	dynes/cm	38	38	38	38	ASTM D 2578
Haze	%	1.2	1.4	1.6	1.8	ASTM D 1003
Gloss	%	90	90	90	90	ASTM D 2457 45°
COF Dyn F-F (U / U)	-	0.4	0.4	0.4	0.4	ASTM D 1894
Tensile strength at break (MD)	N/mm²	150	150	150	150	ASTM D 882
Tensile strength at break (TD)	N/mm²	290	290	290	290	ASTM D 882
Elongation at break (MD)	%	180	180	200	200	ASTM D 882
Elongation at break (TD)	%	50	50	50	50	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm²	2100	2100	2100	2100	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm²	4200	4200	4200	4200	ASTM D 882
Shrinkage (MD)	%	≤5	≤5	≤5	≤5	ASTM D 1204 120°C 5’
Shrinkage (TD)	%	≤3	≤3	≤3	≤3	ASTM D 1204 120°C 5’

Rev. Date 15/05/2018 - Please see our website www.manucor.com for the most updated version of this technical data sheet.
Disclaimer : Typical values describe useful product performance and are not intended for specification purposes.