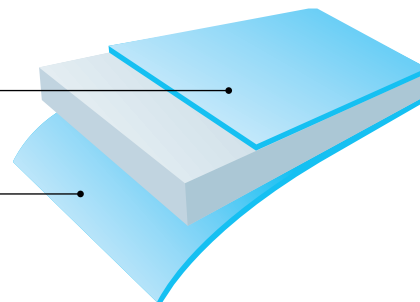


Treated layer

Untreated layer



Technical Data Sheet

Bi-Oriented PolyPropylene Film (BOPP)

SL

15-57
microns

Transparent,
non-coated,
glossy, one- side
treated film for Self
Adhesive
Labeling

Special Features

- Good gloss and transparency
- Good mechanical properties for robust handling during coating, die cutting and printing operations
- Excellent web flatness
- No migratory additives

Typical Applications

The treated layer should be top coated to ensure compatibility with a broad range of ink chemistries. For UV inks, additional in-line corona treatment is recommended. The untreated surface can be readily corona treated for pressure sensitive adhesives. Consult your ink, coating and adhesive suppliers to verify compatibility.

Properties	Unit	Typical Values									Method
Thickness	micron	15	20	25	30	35	40	47	48	57	Manucor - gravimetric
Unit weight	g/m ²	13.6	18.2	22.7	27.3	31.8	36.4	42.77	43.7	51.9	Manucor - gravimetric
Yield	m ² /kg	73.6	54.9	44	36.6	31.4	27.5	23.38	22.9	19.3	Manucor method
Surface tension	dynes/cm	38	38	38	38	38	38	38	38	38	ASTM D 2578
Haze	%	1.8	1.9	2	2.1	2.2	2.5	2.6	2.6	2.6	ASTM D 1003
Gloss	%	85	85	85	85	85	85	85	85	85	ASTM D 2457 45°
Tensile strength at break (MD)	N/mm ²	150	150	150	150	150	150	150	150	130	ASTM D 882
Tensile strength at break (TD)	N/mm ²	290	290	290	290	290	290	300	300	300	ASTM D 882
Elongation at break (MD)	%	180	180	180	180	180	180	200	200	200	ASTM D 882
Elongation at break (TD)	%	60	60	60	60	60	60	60	60	60	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm ²	1800	1850	2000	2000	2000	2000	2000	2000	2000	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm ²	3800	3800	3800	3900	3900	3900	3800	3900	3900	ASTM D 882
Shrinkage (MD)	%	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5	ASTM D 1204 120°C 5'
Shrinkage (TD)	%	≤3	≤3	≤3	≤3	≤3	≤3	≤3	≤3	≤3	ASTM D 1204 120°C 5'

Rev. Date 15/02/2023 - 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.