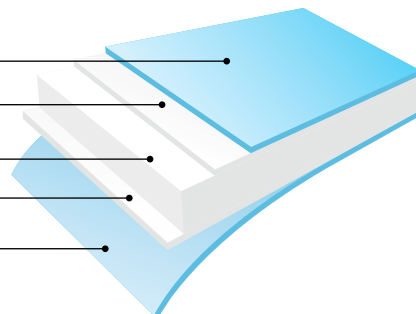




Technical Data Sheet

Bi-Oriented PolyPropylene Film (BOPP)

SLC

40 microns

5-layer, non-coated, one-side treated, cavitated white film for Self-Adhesive Label

Special Features

- High yield for excellent economics
- No migratory additives
- High opacity and gloss
- Excellent stiffness for trouble free label dispensing and die cutting
- Excellent printability

Typical Applications

Designed for rigid and semi-rigid self-adhesive label applications. Suitable for traditional flexo, gravure and UV flexo ink systems. For UV inks, additional in-line corona treatment is recommended to attain optimum results. The treated layer should be top coated to ensure compatibility with a broad range of ink chemistries. Prior to testing SLC please consult with your ink, coating and adhesive suppliers to determine compatibility.

Properties	Unit	Typical Values	Method
Thickness	micron	40	Manucor - gravimetric
Unit weight	g/m ²	30	Manucor - gravimetric
Yield	m ² /kg	33.2	Manucor method
Surface tension	dynes/cm	36	ASTM D 2578
Optical density	-	0.60	Haze Gard Plus
Gloss (T)	%	90	ASTM D 2457 45°
White index	%	77	E313 - CIE
Opacity	%	82	Manucor - BYK
Whiteness (Berger)	%	77	Berger - BYK
Tensile strength at break (MD)	N/mm ²	90	ASTM D 882
Tensile strength at break (TD)	N/mm ²	180	ASTM D 882
Elongation at break (MD)	%	140	ASTM D 882
Elongation at break (TD)	%	45	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm ²	1600	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm ²	3200	ASTM D 882
Shrinkage (MD)	%	≤ 5	ASTM D 1204 - 120°C 5"
Shrinkage (TD)	%	≤ 3	ASTM D 1204 - 120°C 5"

Rev. Date 28/01/2022- 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.