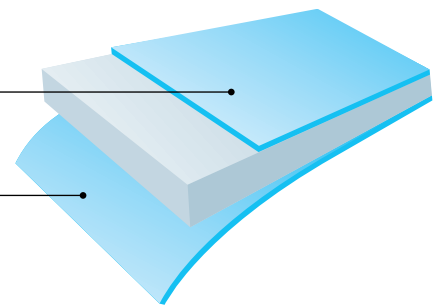


Flame treated, sealable layer
for lamination, inks or coatings

Corona treated, sealable layer
for lamination, inks or coatings



Technical Data Sheet

Bi-Oriented PolyPropylene Film (BOPP)

CTS

**25-30
microns**

Two-side
treated,
transparent and
sealable, glossy
film

Special Features

- No migratory additives
- Low haze, high gloss
- High stiffness and mechanical properties

Typical Applications

Designed to be used in a lamination. It is not suitable for use as the outside release web in cold seal applications. Prior to using CTS with a cold seal adhesive, consult your ink, lacquer and adhesive suppliers to verify suitability. Can be used as the outside web of paper board lamination.

Properties	Unit	Typical Values		Method
Thickness	micron	25	30	Manucor - gravimetric
Unit weight	g/m ²	22.7	27.3	Manucor - gravimetric
Yield	m ² /kg	44	36.6	Manucor method
Surface tension	dynes/cm	38	38	ASTM D 2578
Haze	%	2.2	2.5	ASTM D 1003
Gloss	%	80	80	ASTM D 2457 45°
COF Dyn F-F (Treated / Treated)	-	0.35	0.35	ASTM D 1894
Tensile strength at break (MD)	N/mm ²	160	160	ASTM D 882
Tensile strength at break (TD)	N/mm ²	290	290	ASTM D 882
Elongation at break (MD)	%	180	180	ASTM D 882
Elongation at break (TD)	%	60	60	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm ²	2000	2000	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm ²	3800	3800	ASTM D 882
Heat seal range (Corona / Corona)	°C	115-140	115-140	Manucor - 3 bar - 1"
Seal strength (Corona / Corona)	g/cm	170	170	Manucor - 130°C - 3 bar - 1"
Shrinkage (MD)	%	≤5	≤5	ASTM D 1204 120°C 5'
Shrinkage (TD)	%	≤3	≤3	ASTM D 1204 120°C 5'

Rev. Date 15/06/2018 - 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.