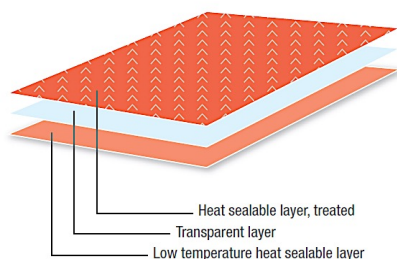


HIGH SPEED BI-AXIALLY ORIENTED COEXTRUDED POLYPROPYLENE (BOPP) TECHNICAL SHEET



- Transparent, low haze and excellent gloss
- Tailored and controlled hot slip properties, up to 60°C
- Low sealing threshold (90°C) layer for high speed HFFS packaging machines
- Corona treated side contributes to improve printing and lamination
- Low water vapour permeability
- Not suitable for boost treatment

MATERIAL

Transparent, one-side low heat sealable (90°C), one side treated, heat-sealable OPP film

APPLICATION

It has a wide seal range in order to enable high-speed HFFS packaging capability, whilst retaining good hot-tack and seal integrity

HEALTH & SAFETY

Complies with current US FDA and European food contact regulation.

Specially developed for packing foods and to meet specific requirements on both health and safety.

STORAGE

The reels should be kept in their original packaging until used.

It is recommended that films are stored below 30°C in order to minimize deterioration of film properties.

All films should be allowed to reach operation room temperature for 24 hours before use.

Note: the treatment level can decline with time.

Properties	20	25	30	Unit	Measuring method
Unit weight	18.2	22.8	27.3	g/m ²	ISO 4591
Average yield	54.9	44.0	36.6	m ² /kg	ISO 4591
Haze	2.0	2.2	2.5	%	ASTM D 1003
Gloss					
at 20° (standard heat-sealable side)	100	100	100	gloss unit	ISO 2813
Heatseal strength	2.0	2.0	2.0	N/15 mm	Bogophane Testing
Heatseal range					
low heat-sealable side	90-140	90-140	90-140	°C	Bogophane Testing
Coefficient of friction					
film/film, dynamic	0.3	0.3	0.3	–	ISO 8295
*Surface tension treated side	≥ 36	≥ 36	≥ 36	mN/m	ISO 8296
Tensile strength					
machine direction	130	130	130	N/mm ²	ISO 527 -1/-3
transverse direction	280	280	280	N/mm ²	ISO 527 -1/-3
Elongation at break					
machine direction	230	230	230	%	ISO 527 -1/-3
transverse direction	55	55	55	%	ISO 527 -1/-3
Water vapour permeability					
23 °C / 85% r.h.	1.4	1.1	0.9	g/m ² /d	ASTM F 1249
38 °C / 90% r.h.	6.8	5.5	4.6	g/m ² /d	ASTM F 1249

* within 6 months after production