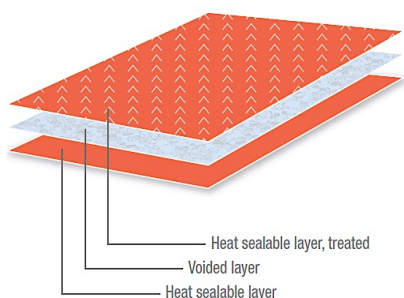


## POLYPROPYLENE (BOPP) CAVITATED WHITE TECHNICAL SHEET



- Good sealing properties (SIT of 110°C untreated side) and consistent slip.
- Enhanced whiteness contributing to superb print presentation and pearlescent effect
- Low water vapor permeability
- Pearlescent Effect

### MATERIAL

3 layer, white voided OPP film with high opacity and whiteness.

### APPLICATION

Designed for VFFS/HFFS applications as a monoweb and for laminates.

### HEALTH & SAFETY

This film has been specially developed for packing foods and meets the specific requirements on health and safety.

Complies with current US FDA and European food contact regulation.

### 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 declines with time.

Properties	34	40	50	Unit	Measuring method
Unit weight	24.5	28.8	36.0	g/m <sup>2</sup>	ISO 4591
Average yield	40.8	34.7	27.8	m <sup>2</sup> /kg	ISO 4591
Opacity	86	88	91	%	DIN 53146
Whiteness (Berger)	86	88	89	–	DIN 5033
Gloss					
at 20° (treated side)	9	9	9	gloss unit	ISO 2813
Heatseal strength	2.0	2.0	2.0	N/15 mm	Bogophane Testing
Heatseal range					
untreated	110-140	110-140	110-140	°C	Bogophane Testing
Coefficient of friction					
film / film, dynamic	0.25	0.25	0.25	–	ISO 8295
*Surface tension treated side	≥ 36	≥ 36	≥ 36	mN/m	ISO 8296
Breaking load					
machine direction	40	50	60	N/15 mm	ISO 527 -1/-3
transverse direction	90	100	130	N/15 mm	ISO 527 -1/-3
Elongation at break					
machine direction	160	160	160	%	ISO 527 -1/-3
transverse direction	40	40	40	%	ISO 527 -1/-3
Water vapour permeability					
23 °C / 85 % r.h.	1.5	1.3	1.0	g/m <sup>2</sup> /d	ASTM F 1249
38 °C / 90 % r.h.	7.6	6.5	5.2	g/m <sup>2</sup> /d	ASTM F 1249

\* within 6 months after production