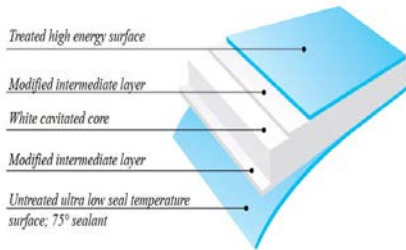


POLYPROPYLENE (BOPP) CAVITATED WHITE LOW SEALABLE TECHNICAL SHEET



- Wide range of weldability
- Excellent Weld Integrity and Strength
- Consistent slip properties for improved runnability
- Excellent printability
- High gloss

MATERIAL

5-layer, one side treated, high gloss cavitated white film with ultra-wide heat sealing range.

APPLICATION

Designed for confectionery, baked goods, snacks in high speed HFFS applications.

Suitable for use in monoweb or laminated structures for HFFS, VFFS and overwrap applications.

HEALTH & SAFETY

Material compliant with current legislation on food contacts.

Especially developed for food packaging and for meeting specific requirements regarding health and safety.

STORAGE

The coils must be kept in the original packaging until use.

It is recommended to maintain the material at a temperature of less than 30°C to minimize their deterioration.

Note: The treatment level can decrease over time.

Properties	Unit	Typical Values				Method
		28	35	40	45	
Thickness	micron	28	35	40	45	Intern - gravimetric
Unit weight	g/m ²	21	26.3	30	33.8	Intern - gravimetric
Yield	m ² /kg	47.6	38.1	33.3	29.6	Internal method
Surface tension	dynes/cm	36	36	36	36	ASTM D 2578
Optical density	-	0.5	0.55	0.6	0.65	Haze Gard Plus
Gloss	%	32	28	25	22	ASTM 1003
Brillantezza	%	85	85	87	87	ASTM D 2457 45°
Indice di bianco (*)	%	80	80	80	80	E313 - CIE
Coprenza (*)	%	83	87	90	90	Intern - BYK
Whiteness (Berger) (*)	%	83	83	83	83	Berger - BYK
COF Din F-F (NT / NT)	-	0.25	0.25	0.25	0.25	ASTM D 1894
Tensile Strength at break (MD)	N/mm ²	90	90	90	90	ASTM D 882
Tensile Strength at break (TD)	N/mm ²	190	190	190	190	ASTM D 882
Elongation at break (MD)	%	140	150	150	160	ASTM D 882
Elongation at break (TD)	%	40	40	40	40	ASTM D 882
Tensile modulus of elasticity (MD)	N/mm ²	1550	1550	1550	1550	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm ²	2900	2900	2900	2900	ASTM D 882
Heat seal range (Untreated)	°C	75-140	75-140	75-140	75-140	Intern - 3 bar - 1"
Seal strength (Untreated/Untreated)	g/cm	250	250	280	280	Intern - 130°C - 3 bar - 1"
Shrinkage (MD)	%	≤5	≤5	≤5	≤5	ASTM D 1204 120°C 5'
Shrinkage (TD)	%	≤3	≤3	≤3	≤3	ASTM D 1204 120°C 5'