

POLYPROPYLENE (BOPP) CAVITATED WHITE LOW SEALABLE TECHNICAL SHEET

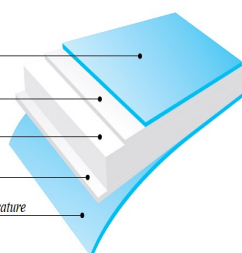
Treated high energy surface

Modified intermediate layer

White cavitated core

Modified intermediate layer

Untreated ultra low seal temperature surface; 75° sealant



- Extremely wide heat sealing range and seal integrity and seal strength
- Consistent and low slip properties for superior machinability and outstanding printability
- Very high gloss and outstanding opacity

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

For health and safety information, please contact us.

STORAGE

To maintain the high quality of this product during storage, it is recommended to always store it in its original casing, away from any source of heat and direct sunlight.

Properties	Unit	Typical Values				Method
Thickness	micron	28	35	40	45	Bogophane - gravimetric
Unit weight	g/m ²	21	26,3	30	33,8	Bogophane - gravimetric
Yield	m ² /kg	47,6	38,1	33,3	29,6	Bogophane 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
Light transmission	%	32	28	25	22	ASTM 1003
Gloss (Treated)	%	85	85	87	87	ASTM D 2457 45°
White index (*)	%	80	80	80	80	E313 - CIE
Opacity (*)	%	82,5	87	90	90	Bogophane - BYK
Whiteness (Berger) (*)	%	83	83	83	83	Berger - BYK
COF Dyn 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	200	190	190	160	ASTM D 882
Elongation at break (MD)	%	180	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	1500	1500	1500	1500	ASTM D 882
Tensile modulus of elasticity (TD)	N/mm ²	2900	2900	2900	2900	ASTM D 882
Heat seal range (Ultra low SIT sealant)	°C	75-140	75-140	75-140	75-140	Bogophane - 3 bar - 1"
Seal strength (Ultra low seal / Ultra low seal)	g/cm	250	250	280	280	Bogophane - 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'