

## TECHNICAL INFORMATION

### FLEXIBLE PACKAGING ANTI – FOG BOPP

**OAF** is bioriented coextruded transparent BOPP film with antifog additive.

**Main properties:**

- \* Excellent antifog properties
- \* Good machineability
- \* Both sides treated
- \* Outstanding printability
- \* Excellent clarity
- \* In compliance with food contact regulations (EEC/FDA)

**OAF** is suitable for fresh vegetable and salad packaging. Suitable for single web applications.

Water condensation is dispersed on inner layer of the package and the film remains transparent.

**OAF** is suitable for HFFS and VFFS packaging machines.

PROPERTIES		UNITS	OAF				TEST METHODS
			20	25	30	35	
YIELD		μ	54.9	44.0	36.6	31.4	
UNIT WEIGHT		g/m <sup>2</sup>	16.2	22.8	31.9	31.9	
TENSILE STRENGTH	MD	N/mm <sup>2</sup>	140	140	140	140	ASTM D 882 DIN 53455
	TD		290	290	290	290	
ELONGATION AT BREAK	MD	%	220	220	220	220	ASTM D 882 DIN 53455
	TD		75	75	75	75	
MODULUS OF ELASTICITY	MD	N/mm <sup>2</sup>	1500	1500	1500	1500	ASTM D 882 DIN 53457
	TD		3000	3000	3000	3000	
DIMENSIONAL STABILITY	MD	%	-3.5	-3.5	-3.5	-3.5	BMS TT 02
	TD		-1.0	-1.0	-1.0	-1.0	
SEALING STRENGTH		N/15mm	2.8	3.2	4.0	4.5	
SEALING RANGE		°C	105 – 140	105 – 140	105 – 140	105 – 140	130°C, 130N, Teec
COEFICIENT OF FRICTION FILM/FILM			0.25	0.25	0.25	0.25	ASTM D 1894 DIN 53375
HAZE		%	1.9	1.9	1.9	2.0	ASTM D 1003-95
GLOSS		%	95	95	95	95	ASTM D 2457-90
WETTING TENSION		Dyn/cm	>=38	>=38	>=38	>=38	ASTM D 2578-94
WETTING TENSION		Dyn/cm	>=38	>=38	>=38	>=38	ASTM D 2578-94
OTR		CM <sup>3</sup> /M <sup>2</sup> /24HR (1at)	1500	1500	1500	1500	ASTM P 1434 25°C 0% R.H.
WATER VAPUR		GR/m <sup>2</sup> /24HR	5.5	5.5	5.5	5.5	ASTM E 96 38°C 90% R.H.

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- Available under special agreement.