

TECHNICAL SPECIFICATION

ML61W

CONSTRUCTION



FEATURES AND APPLICATIONS

- Suitable for PET, OPP, PVC, Metallized PET, Metallized OPP, Al, OPA or Paper lamination.
- Excellent sealing strength.
- Hot-tack property.
- High stiffness.
- Improved dart drop and tear resistance.
- Suitable for stand up pouch (doy-pack) type and wet wipes packaging
- Suitable both HFFS and VFFS machines.
- White pigmented opaque film.

CERTIFICATION

Films comply with the requirements "COMMISSION REGULATION (EU) No 10/2011 on plastic materials and articles intended to come into contact with food". All films are produced in ISO 9001 certified facilities and have been approved by the British Retail Consortium (BRC).

PRODUCT SAFETY

For more information about our product, please read our Material Safety Data Sheet (MSDS).

PROPERTIES							
Parameter	Unit		Value			Test Method	
Thickness	micron		30	43	50	BAREKS TEST	
	gauge		120	172	200		
Density	g/cm ³		0,993	0,984	0,976	BAREKS TEST	
Yield	m ² /kg		33,57	23,63	20,49	BAREKS TEST	
CoF	In / In		≤ 0,3			ASTM D1894	
	In / Metal		≤ 0,3				
Tensile Strength	MD	N /25 mm	± 6	18	22	28,8	ASTM D882
	TD		± 6	11,6	20	21,5	
Elongation at Break	MD	mm	± 100	160	220	225	ASTM D882
	TD		± 100	240	400	410	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	14	18	22,6	BAREKS TEST
		mm	± 50	100	105	110	
Opacity	%		± 5	55		BAREKS TEST	

The above information is the result of laboratory tests, which are applied on samples from standard production. Since the varying conditions under which our products used are beyond our control, all of the above results are without guarantee and warranty. Users are advised to conduct their own testing of our products to determine suitability for use alone or in combination with other products.

PROPERTIES							
Parameter	Unit		Value			Test Method	
Thickness	micron		55	60	65	BAREKS TEST	
	gauge		220	240	260		
Density	g/cm ³		0,967	0,967	0,963	BAREKS TEST	
Yield	m ² /kg		18,80	17,24	15,98	BAREKS TEST	
CoF	In / In		≤ 0,3			ASTM D1894	
	In / Metal		≤ 0,3				
Tensile Strength	MD	N /25 mm	± 6	32,5	40,4	41	ASTM D882
	TD		± 6	25	27,5	28	
Elongation at Break	MD	mm	± 100	230	240	245	ASTM D882
	TD		± 100	430	450	460	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	23,5	24,8	26,2	BAREKS TEST
		mm	± 50	115	120	125	
Opacity	%		± 5	55		BAREKS TEST	

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PROPERTIES							
Parameter	Unit		Value			Test Method	
Thickness	micron		70	75	80	BAREKS TEST	
	gauge		280	300	320		
Density	g/cm ³		0,963	0,959	0,959	BAREKS TEST	
Yield	m ² /kg		14,83	13,90	13,03	BAREKS TEST	
CoF	In / In		≤ 0,3			ASTM D1894	
	In / Metal		≤ 0,3				
Tensile Strength	MD	N /25 mm	± 6	45,8	46,5	47	ASTM D882
	TD		± 6	28,3	32	33	
Elongation at Break	MD	mm	± 100	250	300	310	ASTM D882
	TD		± 100	470	480	490	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	27,1	28	31	BAREKS TEST
		mm	± 50	130	135	140	
Opacity	%		± 5	55		BAREKS TEST	

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PROPERTIES							
Parameter	Unit		Value			Test Method	
Thickness	micron		100	110	120	BAREKS TEST	
	gauge		400	440	480		
Density	g/cm ³		0,95	0,95	0,95	BAREKS TEST	
Yield	m ² /kg		10,53	9,57	8,77	BAREKS TEST	
CoF	In / In		≤ 0,3			ASTM D1894	
	In / Metal		≤ 0,3				
Tensile Strength	MD	N /25 mm	± 6	55,1	57,5	60,2	ASTM D882
	TD		± 6	49,2	50,4	51,8	
Elongation at Break	MD	mm	± 100	370	400	430	ASTM D882
	TD		± 100	520	570	570	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	36,2	37,2	38,5	BAREKS TEST
		mm	± 50	145	150	155	
Opacity	%		± 5	55		BAREKS TEST	

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PROPERTIES					
Parameter	Unit		Value	Test Method	
Thickness	micron		130	BAREKS TEST	
	gauge		520		
Density	g/cm ³		0,95	BAREKS TEST	
Yield	m ² /kg		8,10	BAREKS TEST	
CoF	In / In		≤ 0,3	ASTM D1894	
	In / Metal		≤ 0,3		
Tensile Strength	MD	N /25 mm	± 6	70,2	ASTM D882
	TD		± 6		
Elongation at Break	MD	mm	± 100	435	ASTM D882
	TD		± 100	570	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	42,1	BAREKS TEST
		mm	± 50	180	
Opacity	%		± 5	55	BAREKS TEST

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