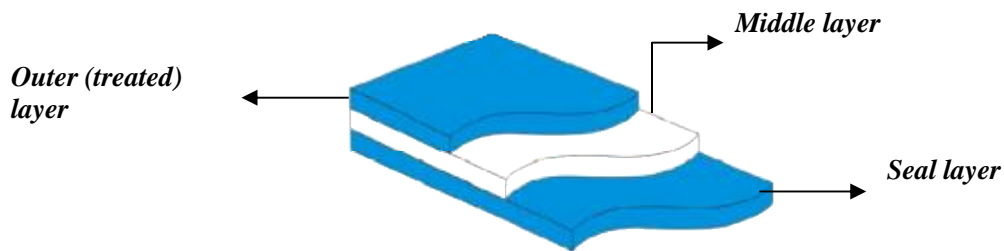


TECHNICAL SPECIFICATION

ML132**CONSTRUCTION****FEATURES AND APPLICATIONS**

- Suitable for PET, OPP, PVC, Metallized PET, Metallized OPP, Al, OPA or Paper lamination.
- Improved sealing performance through contamination.
- Improved Hot-tack properties.
- Improved tear and puncture resistance.
- Suitable for high speed machines.

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	35	40	BAREKS TEST	
	gauge		120	140	160		
Density	g/cm ³		0,925	0,925	0,925	BAREKS TEST	
Yield	m ² /kg		36,04	30,89	27,03	BAREKS TEST	
CoF	In / In		≤ 0,3			ASTM D1894	
	In / Metal		≤ 0,3				
Tensile Strength	MD	N /25 mm	± 6	19	21	23,1	ASTM D882
	TD		± 6	12	14		
Elongation at Break	MD	mm	± 100	140	150	170	ASTM D882
	TD		± 100	330	350	370	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	18	20	20,5	BAREKS TEST
		mm	± 50	130	140	145	
Gloss	≥%		80	80	80	ASTM D2457	
Haze	≤%		16	16	16	ASTM D1003	
Clarity	≥%		90	90	90		
Transmittance	≥%		85	85	85		

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		45	50	60	BAREKS TEST	
	gauge		180	200	240		
Density	g/cm ³		0,925	0,925	0,925	BAREKS TEST	
Yield	m ² /kg		24,02	21,62	18,02	BAREKS TEST	
CoF	In / In		≤ 0,3			ASTM D1894	
	In / Metal		≤ 0,3				
Tensile Strength	MD	N /25 mm	± 6	25	27	38	ASTM D882
	TD		± 6	20	24		
Elongation at Break	MD	mm	± 100	175	260	350	ASTM D882
	TD		± 100	385	390		
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	22	22,5	25	BAREKS TEST
		mm	± 50	150	155	160	
Gloss	≥%		80	80	80	ASTM D2457	
Haze	≤%		16	16	16	ASTM D1003	
Clarity	≥%		90	90	90		
Transmittance	≥%		85	80	80		

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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		0,925	0,925	0,925	BAREKS TEST
Yield	m ² /kg		15,44	14,41	13,51	BAREKS TEST
CoF	In / In		≤ 0,3			ASTM D1894
	In / Metal		≤ 0,3			
Tensile Strength	MD	N /25 mm	± 6	40	44	ASTM D882
	TD		± 6	37	40	
Elongation at Break	MD	mm	± 100	380	390	ASTM D882
	TD		± 100	480	490	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	30,6	31,5	BAREKS TEST
		mm	± 50	170	175	
Gloss	≥%		80	80	80	ASTM D2457
Haze	≤%		18	18	18	ASTM D1003
Clarity	≥%		85	85	85	
Transmittance	≥%		75	75	75	

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PROPERTIES						
Parameter	Unit		Value			Test Method
Thickness	micron		85	90	95	BAREKS TEST
	gauge		340	360	380	
Density	g/cm ³		0,925	0,925	0,925	BAREKS TEST
Yield	m ² /kg		12,72	12,01	11,38	BAREKS TEST
CoF	In / In		≤ 0,3			ASTM D1894
	In / Metal		≤ 0,3			
Tensile Strength	MD	N /25 mm	± 6	48	51	ASTM D882
	TD		± 6	45	46	
Elongation at Break	MD	mm	± 100	410	420	ASTM D882
	TD		± 100	510	520	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	32,1	34	BAREKS TEST
		mm	± 50	180	180	
Gloss	≥%		80	80	80	ASTM D2457
Haze	≤%		18	18	18	ASTM D1003
Clarity	≥%		85	85	85	
Transmittance	≥%		75	75	75	

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PROPERTIES						
Parameter	Unit		Value		Test Method	
Thickness	micron		105	120	BAREKS TEST	
	gauge		420	480		
Density	g/cm ³		0,925	0,925	BAREKS TEST	
Yield	m ² /kg		10,30	9,01	BAREKS TEST	
CoF	In / In		≤ 0,3		ASTM D1894	
	In / Metal		≤ 0,3			
Tensile Strength	MD	N /25 mm	± 6	63	72	ASTM D882
	TD		± 6	57	64	
Elongation at Break	MD	mm	± 100	470	490	ASTM D882
	TD		± 100	570	580	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	37	41	BAREKS TEST
		mm	± 50	190	200	
Gloss	≥%		80	80	ASTM D2457	
Haze	≤%		18	18	ASTM D1003	
Clarity	≥%		85	85		
Transmittance	≥%		75	75		

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