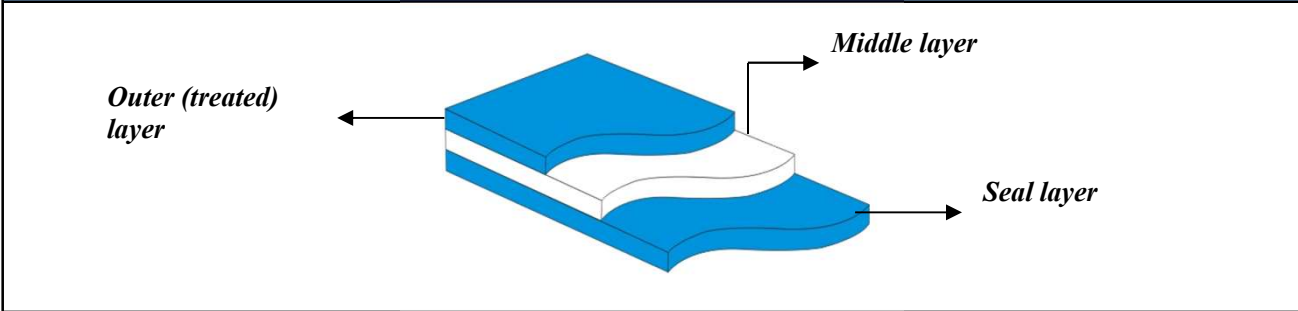


TECHNICAL SPECIFICATION

PF138

CONSTRUCTION



FEATURES AND APPLICATIONS

- Suitable for high speed machines.
- Suitable for both HFFS and VFFS machines.
- Suitable for PET, OPP, PVC, Metallized PET, Metalized OPP, Al, OPA or paper lamination.
- Suitable for easy peel applications from PP trays.
- Improved tear and puncture resistance.
- Improved Hot-tack properties.
- High gloss value.

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, ISO14001 certified facilities and have been approved by the British Retail Consortium (BRC).

PRODUCT and FOOD SAFETY

For more information please request Material Safety Data Sheet (MSDS) and Food Contact Declaration.

SHELF LIFE and STORAGE

The shelf life of the product is 1 months after production if it is stored in dry conditions, away from exposure to direct sunlight and at normal room conditions.

PROPERTIES							
Parameter	Unit		Value			Test Method	
Thickness	micron		30	35	40	BAREKS TEST	
	gauge		120	140	160		
Density	g/cm ³		0,927	0,927	0,927	BAREKS TEST	
Yield	m ² /kg		35,96	30,82	26,97	BAREKS TEST	
CoF	ln / ln		≤ 0,3			ASTM D1894	
Tensile Strength	MD	N /25 mm	± 6	17,2	22,1	24,6	ASTM D882
	TD		± 6	13,2	16,3	18,4	
Elongation at Break	MD	mm	± 100	210	250	270	ASTM D882
	TD		± 100	370	370	375	
Seal Strength / Elongation	3 bar 130°C 0,8 sec	N /25 mm	± 3	17	17,5	18	BAREKS TEST
		mm	± 50	110	150	160	
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	55	BAREKS TEST	
	gauge		180	200	220		
Density	g/cm ³		0,926	0,926	0,926	BAREKS TEST	
Yield	m ² /kg		24,00	21,60	19,63	BAREKS TEST	
CoF	ln / ln		≤ 0,3			ASTM D1894	
Tensile Strength	MD	N /25 mm	± 6	28	28,2	32,00	ASTM D882
	TD		± 6	24,6	25,1	27,2	
Elongation at Break	MD	mm	± 100	290	320	325	ASTM D882
	TD		± 100	400	420	430	
Seal Strength / Elongation	3 bar 130°C 0,8 sec	N /25 mm	± 3	20	20,6	23,1	BAREKS TEST
		mm	± 50	170	175	175	
Gloss	≥%		80	80	80	ASTM D2457	
Haze	≤%		16	16	16	ASTM D1003	
Clarity	≥%		90	90	90		
Transmittance	≥%		85	85	85		

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PROPERTIES							
Parameter	Unit		Value			Test Method	
Thickness	micron		60	65	70	BAREKS TEST	
	gauge		240	260	280		
Density	g/cm ³		0,926	0,926	0,926	BAREKS TEST	
Yield	m ² /kg		18,00	16,61	15,43	BAREKS TEST	
CoF	ln / ln		≤ 0,3			ASTM D1894	
Tensile Strength	MD	N /25 mm	± 6	36,2	39	40,2	ASTM D882
	TD		± 6	28,3	29	29,8	
Elongation at Break	MD	mm	± 100	350	355	400	ASTM D882
	TD		± 100	490	490	520	
Seal Strength / Elongation	3 bar 130°C 0,8 sec	N /25 mm	± 3	25,4	26	26,8	BAREKS TEST
		mm	± 50	180	180	180	
Gloss	≥%		80	80	80	ASTM D2457	
Haze	≤%		16	16	16	ASTM D1003	
Clarity	≥%		90	90	90		
Transmittance	≥%		85	85	85		

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PROPERTIES							
Parameter	Unit		Value			Test Method	
Thickness	micron		80	85	90	BAREKS TEST	
	gauge		320	340	360		
Density	g/cm ³		0,926	0,926	0,926	BAREKS TEST	
Yield	m ² /kg		13,50	12,70	12,00	BAREKS TEST	
CoF	ln / ln		≤ 0,3			ASTM D1894	
Tensile Strength	MD	N /25 mm	± 6	54,8	55	56	ASTM D882
	TD		± 6	44	48	50	
Elongation at Break	MD	mm	± 100	420	430	440	ASTM D882
	TD		± 100	530	540	570	
Seal Strength / Elongation	3 bar 130°C 0,8 sec	N /25 mm	± 3	30,2	32	33	BAREKS TEST
		mm	± 50	180	180	190	
Gloss	≥%		80	80	80	ASTM D2457	
Haze	≤%		16	16	16	ASTM D1003	
Clarity	≥%		90	90	90		
Transmittance	≥%		85	85	85		

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PROPERTIES							
Parameter	Unit		Value			Test Method	
Thickness	micron		100	105	120	BAREKS TEST	
	gauge		400	420	480		
Density	g/cm ³		0,926	0,926	0,926	BAREKS TEST	
Yield	m ² /kg		10,80	10,28	9,00	BAREKS TEST	
CoF	ln / ln		≤ 0,3			ASTM D1894	
Tensile Strength	MD	N /25 mm	± 6	60,1	70	77	ASTM D882
	TD		± 6	56,3	63	65	
Elongation at Break	MD	mm	± 100	450	520	520	ASTM D882
	TD		± 100	570	570	580	
Seal Strength / Elongation	3 bar 130°C 0,8 sec	N /25 mm	± 3	35	41	41,5	BAREKS TEST
		mm	± 50	210	210	210	
Gloss	≥%		80	80	80	ASTM D2457	
Haze	≤%		23	23	23	ASTM D1003	
Clarity	≥%		90	90	90		
Transmittance	≥%		85	85	85		

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