

## TECHNICAL SPECIFICATION

**ML5361****CONSTRUCTION****FEATURES AND APPLICATIONS**

- Suitable for PET, OPP, PVC, Metallized PET, Metallized OPP, Al, OPA or Paper lamination.
- Improved sealing strength.
- Improved Hot-tack properties.
- Improved tear and puncture resistance.
- Especially designed for frozen food application
- 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		40	50	55	BAREKS TEST	
	gauge		160	200	220		
Density	g/cm <sup>3</sup>		0,922	0,922	0,922	BAREKS TEST	
Yield	m <sup>2</sup> /kg		27,11	21,69	19,72	BAREKS TEST	
CoF	In / In		≤ 0,3			ASTM D1894	
	In / Metal		≤ 0,3				
Tensile Strength	MD	N /25 mm	± 6	27	35	37	ASTM D882
	TD		± 6	24	32	34	
Elongation at Break	MD	mm	± 100	330	340	380	ASTM D882
	TD		± 100	410	420	480	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	18	20,5	22,5	BAREKS TEST
		mm	± 50	190	210	220	
Gloss	≥%		75	75	75	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		60	70	BAREKS TEST	
	gauge		240	280		
Density	g/cm <sup>3</sup>		0,922	0,922	BAREKS TEST	
Yield	m <sup>2</sup> /kg		18,08	15,49	BAREKS TEST	
CoF	In / In		≤ 0,3		ASTM D1894	
	In / Metal		≤ 0,3			
Tensile Strength	MD	N /25 mm	± 6	40	45	ASTM D882
	TD		± 6	37	42	
Elongation at Break	MD	mm	± 100	390	500	ASTM D882
	TD		± 100	500	550	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	23,5	27	BAREKS TEST
		mm	± 50	230	235	
Gloss	≥%		75	75	ASTM D2457	
Haze	≤%		16	16	ASTM D1003	
Clarity	≥%		90	90		
Transmittance	≥%		85	85		

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