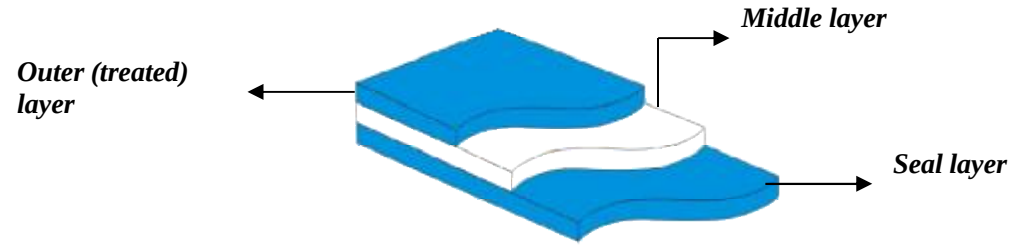
TECHNICAL SPECIFICATION

MD43

CONSTRUCTION



FEATURES AND APPLICATIONS

- MLDPE blend film.
- Suitable for surface printing,
- High gloss, low haze properties.
- Easy tear property in MD (machine direction).
- Suitable for toilet paper, handkerchief and tissue over wrapping applications.
- Suitable for horizontal 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/cm³			0,932	0,932	0,932	BAREKS TEST
Yield	m²/kg			35,77	30,66	26,82	BAREKS TEST
CoF	In / In			≤ 0,2			ASTM D1894
	In / Metal			≤ 0,2			
Tensile Strength	MD	N /25 mm	± 6	19,2	21	21,5	ASTM D882
	TD		± 6	10,5	13	14,5	
Elongation at Break	MD	mm	± 100	125	128	130	ASTM D882
	TD		± 10	10	10	10	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	17,2	18	19,1	BAREKS TEST
		mm	± 50	75	80	85	
Gloss	≥%			80	80	80	ASTM D2457
Haze	≤%			16	16	16	ASTM D1003
Clarity	≥%			90	90	80	
Transmittance	≥%			80	80	80	

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/cm³			0,932	0,932	0,932	BAREKS TEST
Yield	m²/kg			23,84	21,46	19,51	BAREKS TEST
CoF	In / In			≤ 0,2			ASTM D1894
	In / Metal			≤ 0,2			
Tensile Strength	MD	N /25 mm	± 6	22,6	23,1	23,5	ASTM D882
	TD		± 6	17,2	19,2	20,2	
Elongation at Break	MD	mm	± 100	140	150	160	ASTM D882
	TD		± 10	10	10	10	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	22,5	23,3	23,6	BAREKS TEST
		mm	± 50	90	100	110	
Gloss	≥%			80	80	80	ASTM D2457
Haze	≤%			16	16	16	ASTM D1003
Clarity	≥%			90	90	80	
Transmittance	≥%			80	80	80	

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PROPERTIES						
Parameter	**Unit**			**Value**		**Test Method**
Thickness	micron			60	70	BAREKS TEST
	gauge			240	280	
Density	g/cm³			0,932	0,932	BAREKS TEST
Yield	m²/kg			17,88	15,33	BAREKS TEST
CoF	In / In			≤ 0,2		ASTM D1894
	In / Metal			≤ 0,2		
Tensile Strength	MD	N /25 mm	± 6	25	36	ASTM D882
	TD		± 6	22	30	
Elongation at Break	MD	mm	± 100	165	200	ASTM D882
	TD		± 10	10	10	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	24,5	30	BAREKS TEST
		mm	± 50	115	120	
Gloss	≥%			80	80	ASTM D2457
Haze	≤%			16	16	ASTM D1003
Clarity	≥%			90	90	
Transmittance	≥%			80	80	

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