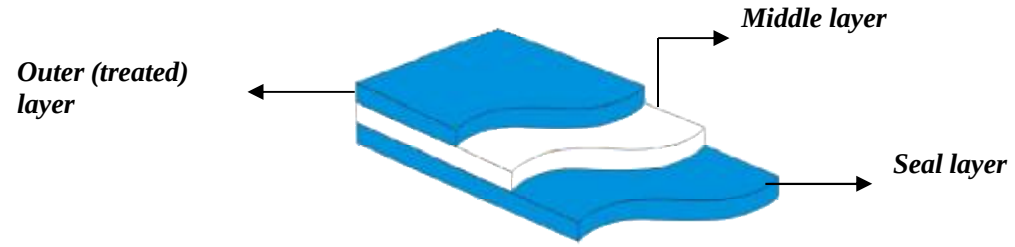
TECHNICAL SPECIFICATION

EP431

CONSTRUCTION



FEATURES AND APPLICATIONS

- LDPE blend film.
- Easy peel property in PE-PE sealing.
- Lamination is required with PET, OPP, PVC, Metallized PET, Metallized OPP, Al, OPA or Paper.
- Seel Peel force is lower than EP43.

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	45	50	BAREKS TEST
	gauge			120	180	200	
Density	g/cm³			0,924	0,924	0,924	BAREKS TEST
Yield	m²/kg			36,08	24,05	21,65	BAREKS TEST
CoF	In / In			≤ 0,35			ASTM D1894
	In / Metal			≤ 0,35			
Tensile Strength	MD	N /25 mm	± 6	20	30	31	ASTM D882
	TD		± 6	10	20	21	
Elongation at Break	MD	mm	± 100	140	170	175	ASTM D882
	TD		± 100	240	400	430	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	3	3,4	3,6	BAREKS TEST
		mm	± 30	30	36	39	
Gloss	≥%			75	75	75	ASTM D2457
Haze	≤%			16	16	16	ASTM D1003
Clarity	≥%			90	90	90	
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			60	70	77	BAREKS TEST
	gauge			240	280	308	
Density	g/cm³			0,924	0,924	0,924	BAREKS TEST
Yield	m²/kg			18,04	15,46	14,06	BAREKS TEST
CoF	In / In			≤ 0,35			ASTM D1894
	In / Metal			≤ 0,35			
Tensile Strength	MD	N /25 mm	± 6	33	44	46	ASTM D882
	TD		± 6	27	35	37	
Elongation at Break	MD	mm	± 100	190	220	230	ASTM D882
	TD		± 100	480	530	540	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	3,7	4	4,5	BAREKS TEST
		mm	± 30	40	48	50	
Gloss	≥%			75	75	75	ASTM D2457
Haze	≤%			16	18	18	ASTM D1003
Clarity	≥%			90	80	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			80	85	100	BAREKS TEST
	gauge			320	340	400	
Density	g/cm³			0,924	0,924	0,924	BAREKS TEST
Yield	m²/kg			13,53	12,73	10,82	BAREKS TEST
CoF	In / In			≤ 0,35			ASTM D1894
	In / Metal			≤ 0,35			
Tensile Strength	MD	N /25 mm	± 6	47	48	50	ASTM D882
	TD		± 6	41	44	47	
Elongation at Break	MD	mm	± 100	240	250	260	ASTM D882
	TD		± 100	570	580	590	
Seal Strength / Elongation	3 bar 130°C 0,8 sn	N /25 mm	± 3	5	5,3	5,5	BAREKS TEST
		mm	± 30	55	60	65	
Gloss	≥%			75	75	75	ASTM D2457
Haze	≤%			18	18	18	ASTM D1003
Clarity	≥%			80	80	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.