

LIX Film is the un-stretched film which the main material is linear low-density polyethylene (LLDPE). It is superior in foreign matter sealing property, hot tack property, cold tolerance, and bag tearing resistance.

FUTURE

- (1)L4103AC has low-temperature heat seal ability, and it is superior in transparency.
- (2)It is superior in slipperiness and blocking resistance, and it has stable machinery aptitude.
- (3)It is possible to laminate with no powder and create bags, but please check in advance.
- (4)It is superior in the scratch resistance in laminated bags, and it prevents the appearance from getting bad due to scratches.
- (5)It is possible to boil at 90 Celsius degrees

USE

Automatic filling, for soups etc.

General physical property of the LIX Film L4103 type

Item		Unit	L4103(AC)			Measuring method
Thickness		μm	30	40	50	
Haze		%	4.5	4.8	5.0	JIS K7105
Tensile breaking strength	Length	Mpa	40	40	40	JIS K7127
	Width		35	35	35	
Tensile breaking elongation	Length	%	540	580	580	JIS K7127
	Width		600	620	620	
Tensile elasticity	Length	Mpa	110	100	100	JIS K7127
	Width		110	100	100	
Static friction coefficient	Sealing surface	-	0.15	0.15	0.15	Gradient method(tanθ)
Heat shrinkage rate (90 degrees C, 30mins)	Length	%	2.5	1.5	1.3	JIS K6782
	Width		0.1	0.5	0.5	
Impact strength	23°C	J	0.6	0.7	0.8	Toyobo method
	5°C		0.5	0.6	0.7	
Heat seal ability (0.2MPa,1sec)	100°C	N/15mm	2	2	2	Toyobo method (PET insert)
	105°C		4	6	4	
	110°C		5	6.5	7	
	115°C		6	7	8	

On these data, the representative values were measured under the specialized condition (23°C、50%RH)at our company's film feature evaluation agency.

Involute: Corona processed surface, Revolute: Sealing surface

<L4103AC21>

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