

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)L4102 is possible to laminate with no powder and create bags.
- (2)As powdering is unnecessary, no powder gets mixed into the products.
- (3)Powdering process is not necessary, and it is possible to maintain a clean work environment.
- (4)Even if you preserve the laminated bags piled up for a long time during the warranty period, you can unseal them easily.
- (5)It is superior in the scratch resistance in laminated bags, and it prevents the appearance from getting bad due to scratches.
- (6)It is possible to boil at 95 Celsius degrees (max. boiling water).

USE

Non-powder processed products etc.

General physical property of the LIX Film L4102 type

Item		Unit	L4102(AC)			Measuring method
Thickness		μm	30	40	50	
Haze		%	6.0	6.5	7.0	JIS K7105
Tensile breaking strength	Length	Mpa	35	35	35	JIS K7127
	Width		30	30	30	
Tensile breaking elongation	Length	%	500	530	570	JIS K7127
	Width		610	650	650	
Tensile elasticity	Length	Mpa	200	180	170	JIS K7127
	Width		200	200	190	
Static friction coefficient	Sealing surface	-	0.15	0.15	0.15	Gradient method(tanθ)
Heat shrinkage rate (90 degrees C, 30mins)	Length	%	1.0	0.5	0.4	JIS K6782
	Width		0.4	0.5	0.6	
Impact strength	23°C	J	0.45	0.55	0.65	Toyobo method
	5°C		0.4	0.5	0.6	
Heat seal ability (0.2MPa,1sec)	110°C	N/15mm	0.5	0.5	0.2	Toyobo method (PET insert)
	115°C		5	5	1.5	
	120°C		6	8	9	
	125°C		6.5	8.5	10	

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

<L410221>

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