

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

Standing pouch , business bags , etc

General physical property of the LIX Film L4102 type

Item		Unit	L4102(AC)	Measuring method
Thickness		μm	100	
Haze		%	9	JIS K7105
Tensile breaking strength	Length	Mpa	35	JIS K7127
	Width		35	
Tensile breaking elongation	Length	%	600	JIS K7127
	Width		620	
Tensile elasticity	Length	Mpa	170	JIS K7127
	Width		190	
Static friction coefficient	Sealing surface	-	0.2	Gradient method(tanθ)
Heat shrinkage rate (90 degrees C, 30mins)	Length	%	0.9	JIS K6782
	Width		0	
Impact strength	5°C		0.8	
Heat seal ability (0.2MPa,1sec)	110°C	N/15mm	0.1	Toyobo method (PET insert)
	120°C		1	
	130°C		16	
	140°C		19	
	150°C		22	

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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