

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

L6101 has more heat resistance than general LLDPE, and it is possible to boil at 105 Celsius degrees or less.

It has tear resistance, and it is superior in cold tolerance and bag tearing resistance. It is superior in hot tack property and foreign matter sealing property.

USE

High boiling use etc.

General physical property of the LIX Film L6101 type

Item		Unit	L6101						Measuring method
Thickness		μm	30	40	50	60	70	80	
Haze		%	5.0	5.0	6.0	7.0	8.0	8.0	JIS K7105
Tensile breaking strength	Length	Mpa	34	40	38	38	38	31	JIS K7127
	Width		35	30	30	31	34	33	
Tensile breaking elongation	Length	%	580	540	570	580	600	620	JIS K7127
	Width		660	690	690	690	690	670	
Tensile elasticity	Length	Mpa	240	220	220	220	220	220	JIS K7127
	Width		310	260	260	260	260	280	
Static friction coefficient	Sealing surface	-	0.19	0.2	0.2	0.2	0.2	0.14	Gradient method(tanθ)
Heat shrinkage rate (90 degrees C, 30mins)	Length	%	0.7	0.5	0.5	0.3	0.3	0	JIS K6782
	Width		0.2	0.1	0.2	0.4	0.5	0.7	
Impact strength	23°C	J		0.55	0.6	0.65	0.7		Toyobo method
	5°C			0.45	0.5	0.55	0.65		
Heat seal ability (0.2MPa, 1sec)	120°C	N/15mm	0.3						Toyobo method (PET insert)
	125°C		1					0.2	
	130°C		5.5	1	0.5	0.2	0.2	0.3	
	135°C		8	8	5	1	0.5	0.6	
	140°C		8.5	10	11	13	10	2	
	145°C			10	12	15	16	17.5	

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

<L610121>

TOYOBO CO., LTD. Packaging Film
<http://www.toyobo.co.jp/seihin/film/>

2-8, Dojima hama 2-chome, Kita-ku, Osaka
 530-8230, JAPAN

[TEL]+81-6-6348-4156 [FAX]+91-6-6348-4159