

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

L4182 is the type which has added antistatic properties.

Due to the filling process, it can prevent the content from being bitten in the seal part due to static electricity.

It is superior in blocking resistance, and the laminated roll product can laminate with no powder and package automatically.

USE

Powder products, Rice bags etc.

General physical property of the LIX Film L4182 type

Item		Unit	L4182(AM)						Measuring method
Thickness		μm	30	40	50	60	70	80	
Haze		%	6.2	6.5	7.0	7.8	8.0	8.5	JIS K7105
Tensile breaking strength	Length	Mpa	33	33	33	33	33	33	JIS K7127
	Width		32	32	32	32	32	32	
Tensile breaking elongation	Length	%	550	580	590	600	600	600	JIS K7127
	Width		610	610	610	610	610	610	
Tensile elasticity	Length	Mpa	150	150	150	150	150	150	JIS K7127
	Width		160	160	160	160	160	160	
Surface resistivity	Sealing surface	logΩ	11	11	11	11	11	11	JIS K6911
Static friction coefficient	Sealing surface	-	0.4	0.4	0.4	0.4	0.4	0.4	Gradient method(tanθ)
Heat shrinkage rate (90 degrees C, 30mins)	Length	%	1.0	1.0	0.6	0.4	0.4	0.1	JIS K6782
	Width		0.2	0.2	0.2	0.4	0.8	0.8	
Impact strength	23°C	J	0.3	0.45	0.5	0.6	0.65	0.7	Toyobo method
	5°C		0.3	0.45	0.5	0.6	0.65	0.7	
Heat seal ability (0.2MPa, 1sec)	115°C	N/15mm	2	2	1.5	0.5	0.5	0.2	Toyobo method (PET insert)
	120°C		5.5	7	4	2	2	1	
	125°C		6	7.5	9	7	8	3	
	130°C		7	8	10	11	12	13	

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

<L418202>

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