

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

L6100 is possible to package retort products by 120 Celsius degrees.
(Possible to use with the microwave oven)

As the material is LLDPE, the product is superior in cold tolerance and bag tearing resistance compared to CPP. It can endure refrigerated distribution.

USE

Bags for semi-retort products, Bags for microwave oven etc.

General physical property of the LIX Film L6100 type

Item		Unit	L6100	Measuring method
Thickness		μm	60	
Haze		%	16	JIS K7105
Tensile breaking strength	Length	Mpa	34	JIS K7127
	Width		25	
Tensile breaking elongation	Length	%	650	JIS K7127
	Width		700	
Tensile elasticity	Length	Mpa	280	JIS K7127
	Width		350	
Static friction coefficient	Sealing surface	-	0.2	Gradient method(tanθ)
Heat shrinkage rate (90 degrees C, 30mins)	Length	%	0.7	JIS K6782
	Width		0.3	
Impact strength	23°C	J	0.7	Toyobo method
	5°C		0.6	
Heat seal ability (0.2MPa, 1sec)	140°C	N/15mm	0.5	Toyobo method (PET insert)
	145°C		13	
	150°C		15	

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

<L610020>

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