

TOYOBO ESTER Film is the biaxial stretched film which main material is polyethylene terephthalate (PET).

FUTURE

Its ink adhesion is good. It is superior in adhesive properties, boil, and retort ability.

USE

General packaging , Industrial materials etc.

General physical property of TOYOBO ESTER Film T4100 type

Item		Unit	T4100		Measuring method
Thickness		μm	12	16	JIS K7112
Haze		%	3.6	4.2	JIS K7105
Tensile breaking strength	Length	Mpa	220	220	JIS K7127
	Width		230	230	
Tensile breaking elongation	Length	%	90	100	JIS K7127
	Width		85	85	
Tensile elasticity	Length	Mpa	3730	3730	JIS K7127
	Width		3820	3820	
Tensile propagation resistance	Length	mN	120	130	JIS K7128
	Width		120	130	
Impact strength	23°C	J	0.4	0.6	Toyobo method
Static friction coefficient	Revolute/Revolute	-	0.4	0.4	JIS K7125
Dynamic friction coefficient	Involute/Involute		0.35	0.35	
Heat shrinkage rate (150 degrees C, 30mins)	Length	%	1.6	1.5	JIS C2318
	Width		0.2	0.2	
Moisture vapor permeability		g/m2d	50	40	JIS K7129
Oxygen transmissivity		mL/m2dMPa	1200	900	JIS K7126

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 surface: corona processed surface .

<T410021>

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