

TOYOBO ESTER Film: E7700 and E7710 are the films made by applying special coating to ester films and adding light seal ability while keeping the features of the PET film.

FUTURE

PVDC coated PET is possible to be substituted as the functions of other heat sealing packaging materials.

USE

Light heat sealing packaging: E7700
Tea bags, Gazette packaging, Individual packaging for Japanese sweets
Slight heat sealing package: E7710
Individual packaging for sliced cheese

General physical property of the TOYOBO ESTER Film E7700,7710 type

Item		Unit	E7700	E7710	KPET	Measuring method
			12	16	12	
Thickness		μm	- 13	- 17	- 15	JIS K7112
Haze		%	3.5	3.8	5.0	JIS K7105
Static friction coefficient	Revolute/Revolute	-	0.4	0.4	0.5	JIS K7125
Dynamic friction coefficient	Involute/Involute		0.3	0.3	0.4	
Tensile breaking strength	Length	Mpa	200	200	200	JIS K7127
	Width		210	210	210	
Tensile breaking elongation	Length	%	100	100	100	JIS K7127
	Width		90	90	90	
Heat seal ability	100°C	N/15mm	0.6	0.2	0.7	Toyobo method
	120°C		1.7	0.8	2	
	140°C		2.6	1	2.6	
	160°C		2.8	1.2	2.8	

(Seal conditions: Seal surface/ Seal surface 0.1MPa*1sec)

<E7710001>

On these data, the representative values were measured under the specialized condition (23°C, 50%RH) at our company's film feature evaluation agency.

Revolute surface: it is the sealing surface.

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