

TOYOBO ESTER Film is the biaxial stretched film which the main material is polyethylene terephthalate (PET). Thanks to its features such as superior heat resistance, machinery aptitude, dimensional stability, electric insulation, transparency, and aroma retaining property, it is used in many fields including food packaging as a general purpose plastic film.

FUTURE

Matting type E3120 is the polyester film which both sides are matte printing. It is superior in matte printing and materials for matte aluminum deposition.

USE

For matting deposition, Packaging etc.

General physical property of the TOYOBO ESTER Film E3120 type

Item		Unit	E3120	E5100	Measuring method
Thickness		μm	12	12	JIS K7112
Haze		%	15	2.3	JIS K7105
Glossiness	45°	%	100	190	JIS K7105
	60°		90	-	
Tensile breaking strength	Length	Mpa	200	230	JIS K7127
	Width		230	240	
Tensile breaking elongation	Length	%	90	100	JIS K7127
	Width		80	90	
Impact strength	23°C	J	0.4	0.4	Toyobo method
Static friction coefficient	B/B	-	0.32	0.45	JIS K7125
Dynamic friction coefficient	B/B		0.30	0.40	
Heat shrinkage rate (150 degrees C, 30mins)	Length	%	1.4	1.4	JIS C2318
	Width		0.2	0.2	

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

Surface B: Non-corona processed surface.

TOYOBO CO., LTD. Packaging Films
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