

PYLEN Film-CT is an unstretched polypropylene film (CPP) made mainly from polypropylene and is superior in transparency, heat resistance, water resistance, and chemical resistance.

FUTURE

- (1)P1111 is homotypic. It is superior in transparency with tear resistance, gloss, and proper slipperiness.
- (2)P1111 is a type with corona treatment on the involute surface.

USE

Single fiber packaging, Release paper, for general goods etc

General physical properties of PYLEN Film-CT P1111 type

Item		Unit	P1111				Measuring method
Thickness		μm	25	30	40	50	
Haze		%	3	4	5.0	7.0	JIS K7105
Tensile breaking strength	Length	Mpa	55	50	45	40	JIS K7127
	Width		30	30	30	30	
Tensile breaking elongation	Length	%	460	470	480	490	JIS K7127
	Width		550	550	540	540	
Tensile elasticity	Length	Mpa	660	630	630	590	JIS K7127
	Width		680	650	630	590	
Static friction coefficient	Sealing surface	-	0.3	0.3	0.3	0.3	Gradient method(tanθ)
Heat shrinkage rate (120 degrees C, 30mins)	Length	%	-0.7	-0.7	-0.4	-0.1	JIS K6782
	Width		1.6	1.5	1.2	1.1	
Impact strength	23°C	J	0.35	0.4	0.55	0.65	Toyobo method
	5°C		0.02	0.02	0.04	0.05	
Heat seal ability (0.2MPa, 1sec)	150°C	N/15mm	2	2	1.5	1	Toyobo method (PET insert)
	155°C		8	9	10	12	
	160°C		10	11	16	16	

P111121

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.

Involute: corona processed surface, Revolute: sealing surface

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