

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

P1181 is a type with antistatic properties added.

It shows the superior antistatic effects on both single products and laminated products.

When using for lamination, please set the aging temperature after lamination to 38 degrees C or higher and check adhesive selection in order to get good adhesiveness.

For extrusive sand-lamination, we recommend you to use dry lamination because it may lack lamination strength.

USE

Powder product packaging etc.

General physical properties of PYLEN Film-CT P1181 type

Item		Unit	P1181				Measuring method
Thickness		μm	25	30	40	50	
Haze		%	3.0	4.0	5.0	5.0	JIS K7105
Tensile breaking strength	Length	Mpa	50	50	40	37	JIS K7127
	Width		30	30	30	30	
Tensile breaking elongation	Length	%	400	440	460	470	JIS K7127
	Width		570	570	570	570	
Tensile elasticity	Length	Mpa	500	500	580	550	JIS K7127
	Width		500	510	580	560	
Static friction coefficient	Sealing surface	-	0.2	0.2	0.2	0.2	Gradient method(tanθ)
Heat shrinkage rate (90 degrees C, 30mins)	Length	%	1.1	1.4	1.0	1.0	JIS K6782
	Width		1.3	0.7	0.3	0.3	
Impact strength	23°C	J	0.3	0.4	0.45	0.5	Toyobo method
	5°C		0.03	0.03	0.04	0.04	
Heat seal ability (0.2MPa, 1sec)	125°C	N/15mm	0.4	0.2	0.2	0.2	Toyobo method (PET insert)
	130°C		3	1	1	0.3	
	135°C		8	4	6	2	
	140°C		10	10	13	14	
Surface resistivity	Sealing surface	logΩ	11	11	11	11	JIS K6911

<P118150>

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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