

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

P1146 is superior in heat resistance, and can be used in high retort (135 degrees C or lower).  
 It is superior in low odor property, and can maintain foods' flavors.  
 It is superior in transparency, cold tolerance, and bag breaking resistance.  
 It excels in heat sealing ability and can achieve stable sealing strength.

## USE

Retort foods etc.

## General physical properties of PYLEN Film-CT P1146 type

Item		Unit	P1146				Measuring method
Thickness		μm	50	60	70	80	
Haze		%	42	43	45	46	JIS K7105
Tensile breaking strength	Length	Mpa	45	45	46	46	JIS K7127
	Width		35	36	38	38	
Tensile breaking elongation	Length	%	570	600	620	650	JIS K7127
	Width		650	675	700	700	
Tensile elasticity	Length	Mpa	450	440	440	430	JIS K7127
	Width		400	400	390	390	
Static friction coefficient	Sealing surface	-	0.9	0.9	0.9	0.9	Gradient method(tanθ)
Heat shrinkage rate (120 degrees C, 30mins)	Length	%	0	0	0	0	JIS K6782
	Width		0.8	0.7	0.6	0.6	
Impact strength	23°C	J	1.0	1.1	1.3	1.4	Toyobo method
	5°C		0.6	0.7	0.8	0.8	
Heat seal ability (0.2MPa, 1sec)	165°C	N/15mm	6	4	-	-	Toyobo method (PET insert)
	170°C		15	11	6	4	
	175°C		20	18	15	10	
	180°C		-	-	20	21	

<P114621>

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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