

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

P1147 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.

The blocking resistance after lamination and bag creation has been improved than the conventional type P1146, therefore the use cases of non-powder has increased.

Compared to P1146, it excels in bag breaking resistance and has improved in tear resistance.

USE

Retort foods etc.

General physical properties of PYLEN Film-CT P1147 type

Item		Unit	P1147			Measuring method	
Thickness		μm	60	70	80		
Haze		%	75	75	75	JIS K7105	
Tensile breaking strength	Length	Mpa	48	47	47	JIS K7127	
	Width		36	37	38		
Tensile breaking elongation	Length	%	640	660	690	JIS K7127	
	Width		690	720	740		
Tensile elasticity	Length	Mpa	500	510	530	JIS K7127	
	Width		450	450	460		
Static friction coefficient		Sealing surface	-	0.8	0.8	0.8	Gradient method(tanθ)
Heat shrinkage rate (120 degrees C, 30mins)	Length	%	0	0	0	JIS K6782	
	Width		0.5	0.5	0.5		
Impact strength	23°C	J	0.9	1.0	1.1	Toyobo method	
	5°C		0.7	0.7	0.8		
Heat seal ability (0.2MPa, 1sec)	170°C	N/15mm	2	1	-	Toyobo method (PET insert)	
	175°C		6	3	1		
	180°C		16	10	5		
	185°C		-	21	16		
	185°C		-	-	24		

<P114730>

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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