

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

P1153 can cope with semi-retort products (120 degrees C or lower).
 It is tolerant to cold and excels in bag breaking strength.
 It has low-temperature heat sealing ability and the range of heat sealing temperature has increased.
 Change of heat sealing strength before and after retort is minimal, therefore it is easy to determine the quality before retort.
 Please do powder shake in order to get good slipperiness. Also please be careful when vacuum packaging retort of solid matters -the inner surfaces of both bags may block.

USE

Use for semi-retort products (120 degrees C or lower) etc.

General physical properties of PYLEN Film-CT P1153 type

Item		Unit	P1153			Measuring method
Thickness		μm	40	50	60	
Haze		%	6.0	6.5	7.5	JIS K7105
Tensile breaking strength	Length	Mpa	36	35	35	JIS K7127
	Width		30	30	30	
Tensile breaking elongation	Length	%	560	560	560	JIS K7127
	Width		580	580	590	
Tensile elasticity	Length	Mpa	390	390	390	JIS K7127
	Width		370	370	360	
Static friction coefficient	Sealing surface	-	0.3	0.3	0.2	Gradient method(tanθ)
Heat shrinkage rate (120 degrees C, 30mins)	Length	%	1.6	1.6	1.5	JIS K6782
	Width		1.0	0.8	0.6	
Impact strength	23°C	J	0.6	0.8	0.8	Toyobo method
	5°C		0.3	0.4	0.5	
Heat seal ability (0.2MPa, 1sec)	135°C	N/15mm	2	1.5	1	Toyobo method (PET insert)
	140°C		4	3.5	2	
	145°C		10	10	5	
	150°C		-	-	15	

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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