

PYLEN Film-ST is the biaxially stretched film whose main material is the polypropylene. Heat sealability is added to this type, including the features such as superior transparency, dampproofness, tearing resistance, and cold tolerance.

FUTURE

P6181 is a duplex heat sealing type, and it has low-temperature heat sealability, so it is superior in sealability. Also, corona treatment is applied to the involute surface, and the type is superior in printability.

USE

Individual packaging • Integrated packaging

## General physical property of PYLEN Film-ST P6181 type

Item		Unit	P6181		Measuring method	
Thickness		μm	25	30		
Haze		%	2.6	3.0	JIS K7105	
Surface resistivity		Involute	logΩ	10.5	10.5	JIS K6911
Tensile breaking strength	Length	Mpa	110	120	JIS K7127	
	Width		290	280		
Tensile breaking elongation	Length	%	200	200	JIS K7127	
	Width		32	40		
F-5 (Stress of 5% deformation)	Length	Mpa	31	32	JIS K7127	
	Width		91	86		
Dynamic friction coefficient	Involute	-	0.3	0.3	JIS K7125	
	Revolute		0.4	0.35		
Heat shrinkage rate (120 degrees C, 5mins)	Length	%	3.8	3.5	JIS K6782	
	Width		0.4	0.2		
Heat seal ability (0.1MPa, 1sec)	out/out	N/15mm	105°C	2.3	1.5	Toyobo method (PET insert)
			112°C	2.5	2.5	
			120°C	2.7	2.9	
	in/out		120°C	2.3	1.6	
			125°C	2.5	1.7	
			130°C	2.8	2.3	

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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: heat sealing surface, corona processed surface

Revolute: heat sealing surface

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