

HARDEN Film is the sequentially biaxially stretched film whose main material is nylon 6 (polyamide). N1130 is the type whose boiling shrinkage rate was made low, and it can cover the demerits of nylon film in specific uses.

## FUTURE

- (1) Low boiling shrinkage rate
- (2) Toughness, Pinhole resistance, Cold tolerance, Heat resistance

## USE

General packaging (liquid type, wet foods, boiled foods etc.), Heavy load bag etc., Lids of containers

## General physical property of HARDEN Film N1130 type

Item		Unit	N1130	N1100	Measuring method
Thickness		μm	15	15	JIS K7112
Haze		%	1.5	1.3	JIS K7105
Static friction coefficient	B/B	-	0.70	0.60	JIS K7125
Dynamic friction coefficient	B/B		0.60	0.45	
Tensile breaking strength	Length	Mpa	177	206	JIS K7127
	Width		245	290	
Tensile breaking elongation	Length	%	105	105	JIS K7127
	Width		75	65	
Tensile elasticity	Length	Mpa	1570	1470	JIS K7127
	Width		1080	980	
Impact strength	23°C	J	1.2	1.2	Toyobo method
	0°C		0.8	0.8	
Heat shrinkage rate (160 degrees C, 10mins)	Length	%	0.60	1.0	JIS K6782
	Width		0.4	1.0	

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.

Surface B: Non-corona processed surface.

< N113020 >

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