## HARDEN FILM (ONY) N1100



HARDEN Film is the sequentially biaxially stretched film whose main material is nylon 6 (polyamide). N1100 is the general grade, and 15μm is standard, so there are the various grades of HARDEN Film with based on it.

**FUTURE** 

Toughness, Pinhole resistance, Cold tolerance, Heat resistance

USE

General packaging (liquid type, wet foods, frozen foods, boiled foods, pasty foods, meat & seafood products), Heavy load bag etc.

## General physical property of HARDEN Film N1100 type

Item		Unit	N1100		Measuring method
Thickness		μm	15	25	JIS K7112
Haze		%	1.5	1.6	JIS K7105
Static friction coefficient	B/B		0.60	0.45	JIS K7125
Dynamic friction coefficient	B/B	-	0.45	0.40	
Tensile breaking strength	Length	Мра	206	210	JIS K7127
	Width		290	295	
Tensile breaking elongation	Length	%	105	105	JIS K7127
	Width		65	70	
Tensile elasticity	Length	Мра	1470	1370	JIS K7127
	Width		980	980	
Impact strength	23°C	J	1.2	2.0	Toyobo method
	0°C		0.8	0.9	
Heat shrinkage rate (160 degrees C, 10mins)	Length	%	1.0	0.9	JIS K6782
	Width		1.0	0.95	

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.

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