

HARDEN Film is the sequentially biaxially stretched film whose main material is nylon 6 (polyamide). HARDEN Film GS N5152 is the grade whose slipperiness is improved.

**FUTURE**

- (1) Good slipperiness under high humidity
- (2) Superior in packaging machinery aptitude in high speed
- (3) There is the tendency that printability is better than corona processed products

**USE**

- Use for filling under high humidity
- Use for filling in high speed

## General physical property of HARDEN Film N5152 type

Item		Unit	N5152 HARDENGS	N1100	Measuring method
Thickness		μm	15	15	
Haze		%	2.8	1.5	JIS K7105
Tensile breaking strength	Length	Mpa	240	230	JIS K7127
	Width		280	307	
Tensile breaking elongation	Length	%	100	100	JIS K7127
	Width		70	60	
Heat shrinkage rate (160 degrees C, 30 mins)	Length	%	3.5	1.0	JIS K6782
	Width		2.3	1.1	

### (Slipperiness)

Static friction coefficient	B/B	23°C×50% RH	0.50	0.55	JIS K7125
Dynamic friction coefficient	B/B	23°C×50% RH	0.40	0.45	
		23°C×65% RH	0.68	0.82	
		23°C×80% RH	0.88	2.20	

On these data, the representative values were measured under the specialized condition at our company's film feature evaluation agency.  
Surface B: Non-corona processed surface.

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**TOYOBO CO., LTD.** Packaging Film  
<http://www.toyobo.co.jp/seihin/film/>

2-8, Dojima hama 2-chome, Kita-ku, Osaka  
 530-8230, JAPAN

[TEL]+81-6-6348-4156 [FAX]+91-6-6348-4159