

HARDEN Film is the sequentially biaxially stretched film whose main material is nylon 6 (polyamide).
 N7076 is the water resistant deposited HARDEN Film to which aluminum deposition was applied after special process.
 As the type for intermedicator, we prepare N7476.

FUTURE

- (1) Good light blocking properties, metal gloss, gas barrier properties
- (2) Toughness, Pinhole resistance, Cold tolerance, Heat resistance

USE

General packaging (liquid type, wet foods, frozen foods, refrigerated foods, hot filled foods etc.)

General physical property of HARDEN Film N7076 type

Item		Unit	N7076 / N7476	N7070	Measuring method
Thickness		μm	15	12	
Tensile breaking strength	Length	Mpa	205	196	JIS K7127
	Width		280	255	
Tensile breaking elongation	Length	%	105	110	JIS K7127
	Width		65	70	
Impact strength		J	1.2	1.0	Toyobo method
Heat shrinkage rate	Length	%	1.0	0.9	JIS C2318
	Width		1.2	1.0	
Deposition thickness		OD	2.5	2.5	Densitometer
Total light transmittance		%	0.4	0.4	JIS K6714
Gloss 45°	F	%	1100	1230	Toyobo method
	B		1000	1000	

Example of lamination features

PET(12)/Aluminum deposition NY/LL(40)

			N7476 laminated	N7070 laminated	
Lamination strength	Unprocessed	N/15mm	5	1.5	
	Hot water soaking		4	Delamination	50°C×30min
	Boiling process		3	Delamination	90°C×30min
Sealing strength	Unprocessed	N/15mm	65	38	
	Hot water soaking		60	Delamination	50°C×30min
	Boiling process		50	Delamination	90°C×30min
Oxygen transmissivity		ml/m ² dMPa	40	40	JIS K7126

Adhesive agent: TM590/CAT56

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

< N747601 >

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