

HARDEN Film MX is the barrier nylon film which has superior practical features by solving the problems of the conventional product N3190.

FUTURE

- (1) We improved the pinhole resistance under strict conditions such as low temperature much more.
- (2) The appearance after boiling is stable.

USE

Soup bag, Boil packaging, Deoxidizer enclosure packaging etc.

General physical property of HARDEN Film MX110 type

Item	Unit	MX 1 1 0	N 3 1 9 0	Measurement condition	
Thickness	μm	15	15		
Haze	%	3.5	5.0		
Tensile breaking strength	Length	200	210	23°C,65%RH	
	Width	250	205		
Tensile breaking elongation	Length	115	80	23°C,65%RH	
	Width	70	65		
Tensile elasticity	Length	2500	3000	23°C,65%RH	
	Width	2000	2800		
Impact strength	J	0.9	0.9	23°C,65%RH	
Static friction coefficient	-	0.50	0.40	23°C,50%RH	
Dynamic friction coefficient	-	0.40	0.40	23°C,50%RH	
Heat shrinkage rate	Length	1.0	2.5	160°C,10min	
	Width	1.3	2.5		
Bending pinhole properties	3000 times	number	0	2	23°C,65%RH

Oxygen transmissivity	ml/m ² dMPa	85	85	23°C,65%RH	
Moisture vapor permeability	g/m ² d	15	15	40°C,90%RH	
Gelbo pinhole	1000 times	number	0	1	23°C,65%RH
	500 times		5	10~15	5°C,65%RH
Lamination strength (LIX2 40μm laminated product)	N/15mm	8.0	6.8		
Appearance change after boiling		No whitening	Partly whitening		

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

<N8102001>

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