

Gunze Kobunshi

July 01, 2009

Technical Data Sheet

Pure Wrap HBX 75micron

Film Highlights: 'HBX' is a 75micron coextruded Nylon/Polyethylene film. It has highly flex-crack/pinhole resistance. Excellent for vacuum packaging irregularly shaped products.

Item	Unit	HBX 75micron		Test method	
		MD	TD		
Density	g/cm ³	1.05			
Yield	g/m ²	78.75			
	m ² /kg	12.70			
Haze Value	%	13		JIS K-7105	
Tensile Strength	MPa	147	128	ASTM-882	
Elongation	%	130	150		
Puncture Strength	N	49		JIS Z-1707	
Flex Pinhole Resistance	number	0~1		Gelbo-Flex Durability Tester 5C 1000times(N=3)	
Tumble Drum Abrasion Resistance	number	0		Tumble Drum Tester 23C 5000times(N=3)	
Shrinkage	70C	%	10	10	Boiled water 30 sec.
	80C		16	16	
	95C		28	28	
Water Vapor Transmission rate	*1	12		JIS Z 0208 40C 90%RH	
O ₂ Transmission rate	*2	14		ASTM D-3985 20C 65%RH	

(Note) *1 : g/m²·d·Mpa *2 : cc/m²·d·MPa

Above figures are measured values, not guaranteed.

Film Capability

- 1) Lay Flat Width Ranges
170~350mm. Product can be ordered in increments of 30mm.
- 2) Roll Lengths
500 meters
- 3) Minimum Order Size
5,000meters