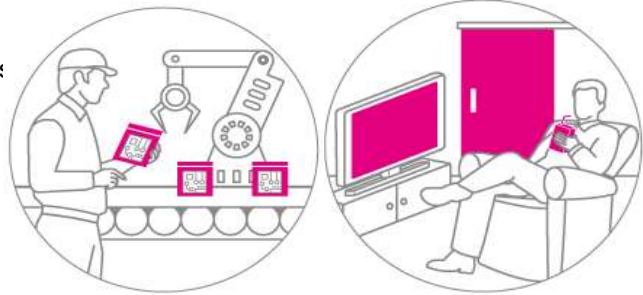


What's IB-PET-PXB2 ?

IB-PET-PXB2 is a new PET base transparent barrier film with the highest gas barrier property in the industry utilizing PVD AlOx deposition and unique coating developed by DNP.

- Highest barrier properties
- Scannable, metal detector is applicable.
- Pouch can be see-through.



Remarks) PVD : Physical Vapor Deposition

Basic Physical Data

Item	Unit	Measurement	Direction/Side	Values	Note
Thickness	μm	Dial gauge method		12	Typical Value
Tensile Strength	MPa	ASTM D882	MD	≥ 162	Typical Value
			TD	≥ 140	Typical Value
Tensile Elongation	%	ASTM D882	MD	≥ 70	Typical Value
			TD	≥ 70	Typical Value
Wettability	dyne/cm	ASTM D2578	Coated side	≥ 45	Spec
			PET side	40	Typical Value
Haze	%	ASTM D1003		1.5-5.0	Typical Value
Light TR	%	-		85-90	Typical Value

Remarks) The above typical values are not warranted except for spec which is DNP standard spec.

Barrier Properties – MOCON method

Base film	OTR cc/100inch ² .day.atm (cc/m ² .day.atm)	WVTR g/100inch ² .day.atm (g/m ² .day)
IB-PET-PXB2	0.006 (0.1)	0.003 (0.05)
IB-PET-PUB	0.013 (0.2)	0.026 (0.4)

Layer structure : IB-PET-PXB12/DL/PE60

OTR : 23°C/90%RH(MOCON method)

WVTR : 40°C/90%RH(MOCON method)

Remarks: The above values are measured but not warranted

