

What's IB-PET-PUB ?

IB-PET-PUB is PET base transparent barrier film with high gas barrier property, utilizing PVD AIOx deposition technology and a unique surface treatment developed by DNP.

- Maintains taste
- Environmentally friendly
- 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	%	-	-	85-91	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-PUB	0.013 (0.2)	0.026 (0.4)
AIOx PET from competitor A	0.077 (1.2)	0.116 (1.8)

Layer structure : IB-PET-PUB12/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

