

High Barrier PP Film

PP / EVOH / PP, PP / EVOH / PE

Product Information

Features

PVP co-extrusion multilayer film has high oxygen barrier property, fragrance retention, transparency, and also is the environmental friendly products. After laminating with PET, OPP or NY, it can provide packaging materials with proper moisture and oxygen barrier properties, mechanical strength and heat sealing properties.

- Excellent materials for food, medical care, cosmetics, hygienic cleaning products packaging.
- PVP can be printed or laminated with other materials.
- Best for Modified Atmosphere Packaging (MAP) of fresh beef, chicken, pork, seafood products.

General Properties				High Barrier PP Film Series				
Item		Reference Standards	Unit	F1302 PVP 40	F1355 PVP 55	F1307 PVP 70	F1645 PVE 45	F1648-EPL PVE 45
Thickness			Micron (μ)	40	55	70	45	45
Yield point	MD	ASTM D882	Kg/cm ²	200	190	180	200	210
	TD			190	190	180	180	200
Break point	MD	ASTM D882	Kg/cm ²	400	400	400	410	400
	TD			380	350	350	320	290
Elongation percent	MD	ASTM D882	%	600	700	700	350	350
	TD			600	700	700	380	360
Tensile Modulus of elasticity 2%	MD	ASTM D882	Kg/cm ²	5000	4300	4200	5500	5500
	TD			4800	4300	4000	5000	5000
Static C.O.F.	Treated	ASTM D1894	Kg/200g	0.10	1.30	0.25	0.25	0.25
	Untreated			0.08	0.15	0.20	0.10	0.15
Kinetic C.O.F.	Treated	ASTM D1894	Kg/200g	0.07	1.20	0.15	0.25	0.25
	Untreated			0.05	0.10	0.15	0.10	0.10
HAZE		ASTM D1003	%	5	7	6	7	35
Oxygen Transmissions Rate		ISO 14663-2	c.c./m ² , 24hrs, atm, 20°C, 65% RH	2.6	2.6	2.6	1.3	1.3
Water vapor Transmission Rate		ASTM E96-E	g/m ² , 24hrs, 40°C, 90% RH	6.5	5.1	3.7	9	9

(The above are representative/measured values and not guaranteed values)