Thermoforming PP/PE Film

MPP / PE for Medical Device Packaging

Product Information

Features

Thermoforming MPP/PE is PP/PE Co-Extruded film.

- Both 80um and 120um thermoforming PP/PE film are suitable for disposable medical supplies and medical equipment vacuum thermoforming package.
- The best Formability, Pinhole Resistance, High transparency, High Glossy
- Vacuum thermoforming film for the packaging of injection syringes, gauze, cotton pads, suction tubes and other medical equipment.
- Suggested forming depth for 80um is 10-15mm and 120um is 30mm.

General Properties				Thermoforming PP/PE Film Series	
Item		Reference Standards	Unit	F4538 MPP/PE # 80	F4539 MPP/PE # 120
Thickness			Micron (μ)	80	120
Yield point	MD	ASTM D882	Kg/cm²	180	180
	TD			180	170
Break point	MD	ASTM D882	Kg/cm²	410	350
	TD			360	360
Elongation percent	MD	ASTM D882	%	770	800
	TD			820	770
Tensile Modulus of elasticity 2%	MD	ASTM D882	Kg/cm²	3600	3500
	TD			3600	3300
Static C.O.F.	Treated	ASTM D1894	Kg/200g	0.28	0.20
	Untreated			0.08	0.12
Kinetic C.O.F.	Treated	ASTM D1894	Kg/200g	0.20	0.20
	Untreated			0.07	0.10
HAZE		ASTM D1003	%	3.5	5.3
Suggested Forming Depth			mm	10-15	10-30

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

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