

# High Barrier Film

VM-MDOPE-0.5

## Structure:

Al deposit
Primer
MDOPE substrate 25micron

## Features:

- Water vapor barrier
- Oxygen barrier
- Light-blocking
- Weather resistance
- Aroma retention
- Suitable for lamination process

## Application:

- Dry food packag
- Pet food packaging
- Snacks, bakery, sauce-package

Item		Specification	Result*	Test Method
Thickness		25±1micron	25.3micron	GB/T 6672-2001
Tensile Strength	MD		40Mpa	GB/T 1040.3-2006
	TD		240Mpa	
Elongation at break	MD		85%	GB/T 1040.3-2006
	TD		3%	
Oxygen Transmission Rate OTR (23°C, 50%RH)	Single layer	≤0.5cc/m <sup>2</sup> /day	0.2cc/m <sup>2</sup> /day	ASTM D3985
Water Vapor Transmission Rate WVTR (38°C, 90%RH)	Single layer	≤0.5g/m <sup>2</sup> /day	0.3g/m <sup>2</sup> /day	ASTM F1249
Optical Density OD value			3.2	
Surface Tension	Coating side	≥42dyn/cm	46dyn/cm	GB/T 14216-2008
	Non coating side	≥38dyn/cm	40dyn/cm	

※Figures above are only representative values, and not guaranteed values.

※WVTR, OTR data obtained by Mocon apparatus.

**Storage:** <40°C, 60%RH, keep cool.

**Shelf life:** 6 months