SDL Packs

HIGH-BARRIER FILMS

Technical Data Sheet

VMPET — Vacuum Metallized PET Film

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TYPICAL SPECIFICATIONS

TEST ITEM	UNIT	TYPICAL VALUE	TEST STANDARD
Thickness	mic (Gauge)	10~12 (40~48)	GB/T 6672-2001
Aluminum Adhesion (EAA)	N/15mm	1.5~2.5	Internal Method
Aluminum Layer Thickness (OD)	OD	1.8~2.3	Internal Method
Aluminum Layer Thickness	Å	360~460	Internal Method
Aluminum Layer Thickness	Ω/□	1.8~2.0	Internal Method
WVTR	g/(m^2*24h), 90%RH, 38°C	2	GB/T 1037
OTR	cm^3/(m^2*24h*0.1Mpa), 23°C	2.5	GB/T 1038

AVAILABLE GRADES

MODEL	OD	ADHESION (N/15 MM)	WVTR (G/M^2·24H)	OTR (CM^3/M^2·24H)
NC-P01	1.8~2.3	1.5~2.5	2.0	2.5
PH-P02	2.4~2.6	2.0~3.0	0.7	0.8

NOTES

The data listed above are typical values obtained from standard tests and are provided for reference only. They do not constitute a guarantee of performance. Actual values may vary depending on substrate, coating weight, processing conditions, and test methods. For grade-specific requirements, please contact SDL Packs.

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