SDL Packs

HIGH-BARRIER FILMS

Technical Data Sheet

ALOX — Aluminum Oxide (AlOx) Coated PET Film

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TYPICAL SPECIFICATIONS

TEST ITEM	UNIT	TYPICAL VALUE	TEST STANDARD
Thickness	mic (Gauge)	12 (48)	GB/T 6672-2001
WVTR	g/(m^2*24h), 90%RH, 38°C	1.1	GB/T 1037
OTR	cm^3/(m^2*24h*0.1Mpa), 23°C	1.8	GB/T 1038
Light Transmittance	%	87	Internal Method
Retort Resistance	-	Retortable	Internal Method

AVAILABLE GRADES

MODEL	APPLICATION	COATING	RETORT	THICKNESS (MM)	WVTR (G/M^2·24H)	OTR (CM^3/M^2·24H)	LIGHT TRANSMITTANCE (%)	SURFACE TENSION (DYN/CM)	FRICTION (COF)
ALOX-PI01	Lamination	No	Yes	10	1.4	2.1	87	60	0.6
ALOX-PI21	Lamination	Yes	Yes	12.5	1.1	2.0	87	60	0.6
ALOX-PI22-A	Printing	Yes	No	12.5	0.8	0.3	87	56	0.5
ALOX-PI22-B	Printing	Yes	No	12.5	1.0	1.8	87	46	0.4
ALOX-PI23	Printing	Yes	Yes	12.5	0.6	0.4	87	56	0.5

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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