Transparent High Barrier PET Alox Film

TECHNICAL DATA SHEET

DESCRIPTION:

PET Film coated with Alox to enhance the high barrier property designed for flexible packaging applications.

CHARACTERISTICS:

- ◆High transparency
- ◆Environmental friendly packaing material with excellent oxygen barrier and moisture barrier performance
- ◆High Al adhesion with good lamination or printing performance
- ◆Can be micronwave heating and detected by metal detectors

TECHNICAL DATA:

Properties		Test	Unit	Typical Value	
				Model	
				SD520E	SD505B
PHYSICAL					
Thickness		SD Test	Micron	12.2	12.5
Density		SD Test	g/cm^3	1.4	1.41
OPTICAL					
Light Transmittance		ASTM D 1003	%	≥87	≥89
MECHANICAL					
Tensile strength	MD	GB/T1040.3	Mpa	≥170	≥170
	TD		Mpa	≥170	≥170
Elongation at break	MD	GB/T1040.3	%	≤200	≤200
	TD		%	≤200	≤200
C.O.F.		GB/T10006	/	≤0.8	≤0.8
Heat Resistance	MD	BB/T 0089	%	≤1.5	≤1.5
	TD		%	≤1.0	≤1.0
BARRIER					
OTR-23℃,0%RH		ASTM D3985	$cm^3/m^2/24h$	≤2.0	≤0.5
WVTR-38℃,90%RH		ASTM F1249	$g/m^2/24h$	≤2.5	≤0.5
SURFACE					
Surface tension	Alox side	GB/T14216	mN/cm	≥42	≥42
	PET side			≥40	≥40
Top Protective coating layer				With	With
Retort condition: ≤121℃， 30min				-	Retortable

Note: The stated values are typical data and are not specification of guarantee. SD Pack suggest that purchaser confirm product compatibility prior to use of this product. Stated values are believed to be accurate, but all information is presented without guarantee or responsbility on the part of SD Pack CO.,LTD.

Shanghai Saidian Packing Materials Co.,Ltd.

Head Office: No.190 Meihe Road, Qingpu Dist., Shanghai, PRC
Tel:+86 21 51601858 Fax: +86 21 51567115
Web site: http:// www.sdianpack.com
E-mail: sales@sdianpack.com