

BOPP-DHSD13

Application:

Widely used in fast food, medicine, chemical products, coffee and cosmetics packaging.

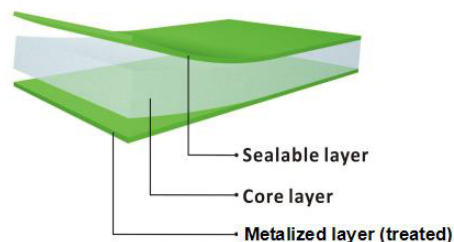
Features:

High heat seal strength

Low permeability

Excellent aluminum bonding strength

Excellent metallic luster and good reflection



Typical Values :

Properties		Test Method	Unit	Specification					
Thickness		Kinlead	μm	15	18	20	25	30	35
Tickness Variation		Astm-252-78	%	≤ ±3.5	≤ ±3.5	≤ ±3.5	≤ ±3.5	≤ ±2.5	≤ ±2.5
Yield		Kinlead	m²/kg	73.26	61.05	54.95	43.96	36.63	31.40
Tensile Strength	MD	Astm D-882	Mpa	≥ 130					
	TD	Astm D-882	Mpa	≥ 240					
Elongation at Break	MD	Astm D-882	%	≤ 180					
	TD	Astm D-882	%	≤ 75					
Friction Coefficient	O/O-US	Astm D-1894	-	0.25~0.45					
Heat Shrinkage	MD	Astm D-1204	%	≤ 4.0					
	TD	Astm D-1204	%	≤ 3.0					
Initial sealing Temperature		Kinlead		115					
Sealing Strength		Kinlead	N/15mm	≥ 2.5					
OD		Astm D-1003	%	1.8~2.2					
WVTR		Astm F- 1249	g/m²/24h	≤ 1.0					
O₂TR		Astm D-3985	cc/m²/24h	≤ 100					

The above values of the properties obtained in our laboratory test. These values are for informative purpose and not in guarantee or warranty in any specific condition. Users are advised to conduct their own testing to determine product suitability to us



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HSD11

Application:

Widely used in food & confectionary packaging ect.

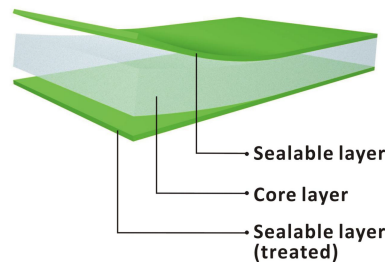
Features:

General grade

Transparent, both side heat sealable

One side corona treatment, normal sealing temperature

Low static, excellent flatness, good heat seal strength



Typical Values :

Properties		Test Method	Unit	Specification							
Thickness		Kinlead	μm	15	18	20	25	30	35	40	50
Thickness Variation		Astm-252-78	%	≤ ±3.5	≤ ±3.5	≤ ±3.5	≤ ±3.5	≤ ±2.5	≤ ±2.5	≤ ±2.5	≤ ±2.0
Yield		Kinlead	m ² /kg	73.2	61	54.9	43.9	36.6	31.4	27.5	22.0
Tensile strength	MD	Astm D-882	Mpa	≥ 130							
	TD	Astm D-882	Mpa	≥ 240							
Elongation At Break	MD	Astm D-882	%	≤ 180							
	TD	Astm D-882	%	≤ 75							
Friction Coefficient	T/T-US	Astm D-1894	-	0.25~0.35							
	O/O-US	Astm D-1894	-	0.3~0.4							
Heat Shrinkage	MD	Astm D-1204	%	≤ 4.0							
	TD	Astm D-1204	%	≤ 3.0							
Haze		Astm D-1003	%	≤ 3.0							
Sealing Strength @135 0.18Mpa, 1s		Kinlead	N/15mm	≥ 2.5							
Intial sealing Temperature		Kinlead		115							
Gloss		Astm D-2457	%	≥ 85							
Wetting Tension		Astm D-2578	Dyne	≥ 38							

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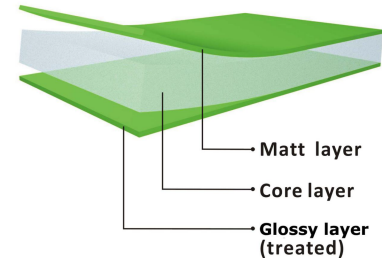
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ML11

Application:

Widely used in laminating with paper, book cover, packaging with matt finished on one side, provide matt, paper-look appearance for any kind of the packaging.



Features:

General grade
Translucent, non heat sealable
One side corona treatment
Low static, good matt surface

Typical Values :

Properties		Test Method	Unit	Specification			
Thickness		Kinlead	μm	12	15	18	20
Thickness Variation		Astm-252-78	%	≤ ±3.5	≤ ±3.5	≤ ±3.5	≤ ±3.5
Yield		Kinlead	m ² /kg	91.6	73.3	61.0	55.0
Tensile strength	MD	Astm D-882	Mpa	≥ 130			
	TD	Astm D-882	Mpa	≥ 240			
Elongation At Break	MD	Astm D-882	%	≤ 175			
	TD	Astm D-882	%	≤ 60			
Friction Coefficient	T/T-US	Astm D-1894	-	0.3~0.6			
	O/O-US	Astm D-1894	-	0.3~0.6			
Heat Shrinkage	MD	Astm D-1204	%	≤ 4.0			
	TD	Astm D-1204	%	≤ 2.0			
Haze		Astm D-1003	%	75~80			
Gloss		Astm D-2457	%	≥ 88			
Wetting Tension		Astm D-2578	Dyne	≥ 38			

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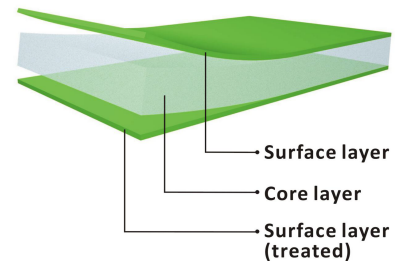
BOPP-PG11

Application:

Widely used in gift wrapping, textile and photo album etc

Features:

General grade
Transparent, non heat sealable
One side corona treatment
Excellent flatness



Typical thickness

17μm、20μm、25μm、30μm、35μm、40μm、53μm、60μm、70μm、80μm

Typical Values :

Properties		Test Method	Unit	Specification					
Thickness		Kinlead	μm	17	30	40	60	70	80
Thickness Variation		Astm-252-78	%	≤ ±3.5	≤ ±2.5	≤ ±2.0	≤ ±2.0	≤ ±2.0	≤ ±2.0
Yield		Kinlead	m²/kg	64.6	36.6	27.5	18.3	15.7	13.7
Tensile strength	MD	Astm D-882	Mpa	≥ 130					
	TD	Astm D-882	Mpa	≥ 240					
Elongation At Break	MD	Astm D-882	%	≤ 175					
	TD	Astm D-882	%	≤ 60					
Friction Coefficient	T/T-US	Astm D-1894	-	0.25~0.35					
	O/O-US	Astm D-1894	-	0.25~0.40					
Heat Shrinkage	MD	Astm D-1204	%	≤ 4.0					
	TD	Astm D-1204	%	≤ 2.0					
Haze		Astm D-1003	%	≤ 1.8					
Gloss		Astm D-2457	%	≥ 88					
Wetting Tension		Astm D-2578	Dyne	≥ 38					

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PT11

Application:

Widely used in adhesive tape application

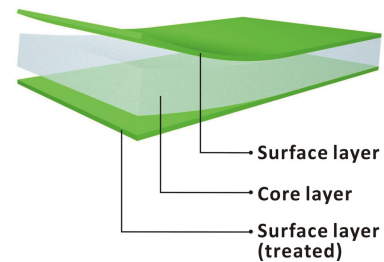
Features:

General grade

Transparent, non heat sealable

One side corona treatment

Excellent glue adhesion



Typical Values :

Properties		Test Method	Unit	Specification						
Thickness		Kinlead	μm	20	23	25	28	30	40	58
Thickness Variation		Astm-252-78	%	≤ ±3.5	≤ ±3.5	≤ ±3.5	≤ ±2.5	≤ ±2.5	≤ ±2.0	≤ ±2.0
Yield		Kinlead	m²/kg	55.0	47.7	43.9	39.2	36.6	27.5	19.2
Tensile strength	MD	Astm D-882	Mpa	≥ 130						
	TD	Astm D-882	Mpa	≥ 240						
Elongation At Break	MD	Astm D-882	%	≤ 175						
	TD	Astm D-882	%	≤ 60						
Friction Coefficient	T/T-US	Astm D-1894	-	0.35~0.50						
	O/O-US	Astm D-1894	-	0.35~0.50						
Heat Shrinkage	MD	Astm D-1204	%	≤ 4.0						
	TD	Astm D-1204	%	≤ 2.0						
Haze		Astm D-1003	%	≤ 1.8						
Gloss		Astm D-2457	%	≥ 88						
Wetting Tension		Astm D-2578	Dyne	≥ 38						

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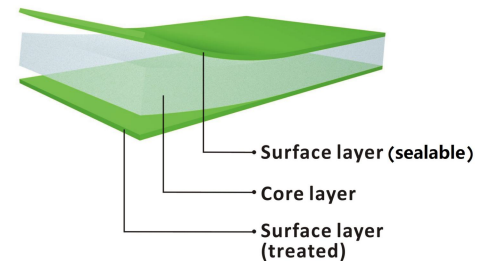
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CPP-L11

Application:

Widely used in lamination with other materials, such as PET, PE, BOPP and so on.



Features:

General grade
Transparent, one side heat sealable
One side corona treatment
Soft and good impact resistance

Typical Values :

Properties		Test Method	Unit	Typical value						
Thickness		Kinlead	μm	20	23	25	28	35	40	50
Thickness Variation		Astm-252-78	%	≤±3.5	≤±3.5	≤±3	≤±3	≤±3	≤±2.5	≤±2.5
Tensile strength	MD	Astm D-882	Mpa	35						
	TD	Astm D-882	Mpa	25						
Elongation At Break	MD	Astm D-882	%	280						
	TD	Astm D-882	%	380						
Friction Coefficient	T/T-US	Astm D-1894	-	0.5-0.8						
	O/O-US	Astm D-1894	-	0.1-0.2						
Heat Shrinkage	MD	Astm D-1204	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	TD	Astm D-1204	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Haze		Astm D-1003	%	2.5	2.8	2.8	3.0	3.2	3.6	4.0
Sealing temperature (8N)		Kinlead		132						
Initial sealing temperature		ISO17557		122						
Gloss		Astm D-2457	-	80	80	80	80	80	80	80
Wetting Tension		Astm D-2578	Dyn	38	38	38	38	38	38	38

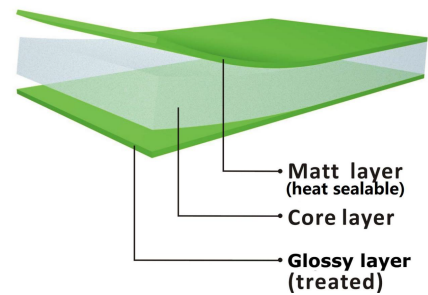
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MHS11

Application:

Specially designed for board/package lamination with matt finished on one side



Features:

General grade

Translucent

One side corona treatment

Low static, good matt surface

Matt layer also can heat sealable.

Typical Values :

Properties		Test Method	Unit	Typical Values			
Thickness		Kinlead	μm	15	18	20	30
Thickness Variation		ASTM-252	%	≤±3.5	≤±3.5	≤±3.5	≤±2.5
Tensile strength	MD	ASTM D-882	MPa	≥130			
	TD	ASTM D-882	MPa	≥240			
Elongation At Break	MD	ASTM D-882	%	≤175			
	TD	ASTM D-882	%	≤60			
Friction Coefficient	T/T-US	ASTM D-1894	-	0.30~0.50			
	T/O-US	ASTM D-1894	-	0.40~0.60			
Heat Shrinkage	MD	ASTM D-1204	%	≤4.0			
	TD	ASTM D-1204	%	≤1.5			
Sealing strength@135℃		Kinlead	N/15mm	≥2.5N			
Initial sealing Temperature		Kinlead		120			
Haze		ASTM D-1003	%	75~80			
Gloss	Gloss side	ASTM D-2457	%	≥88			
	Matt side		Dyn	≤15			
Wetting Tension		ASTM D-2578	Unit	≥38			

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