

PACKAGING

Films

BOPP Flexible Packaging



ZISTA Group

www.plastic-iran.com



Flexible Packaging

Transparent

Matt

Metalized

White Voided

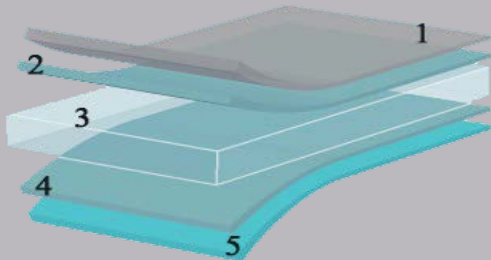
Metalized White Voided

FLEXIBLE Packaging

Transparent + One Side Treated + Cold Sealable

APPLICATION:

Cold seal packaging applications. It can be used as printing substrate & lamination substrate to itself and to other films. Zista 121 CP can be used as printing substrate for missing-dot-free printing.



1. Special printable layer
2. OPP layer
3. Transparent OPP layer
4. OPP Layer
5. OPP Layer

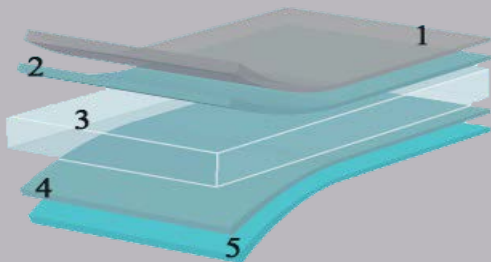
<i>Specification</i>	<i>Unit</i>	<i>Value</i>	
<i>Thickness</i>	μm	15	20
<i>Yield</i>	m^2/Kg	73.2	54.9
<i>Unit Weight</i>	g/m^2	13.7	18.2

FLEXIBLE Packaging

Transparent + One Side Treated + Cold Sealable

APPLICATION:

Cold seal packaging applications. It can be used as printing substrate & lamination substrate to itself and to other films.



1. Printable layer
2. OPP layer
3. Transparent OPP layer
4. OPP Layer
5. OPP Layer

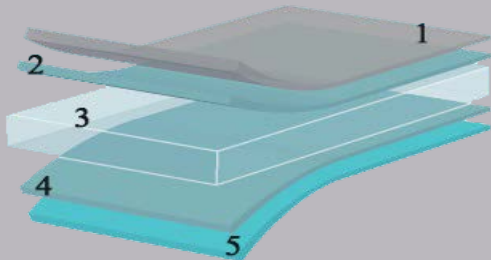
<i>Specification</i>	<i>Unit</i>	<i>Value</i>	
<i>Thickness</i>	μm	15	20
<i>Yield</i>	m^2/Kg	73.2	54.9
<i>Unit Weight</i>	g/m^2	13.7	18.2

FLEXIBLE Packaging

Transparent + 1 Side Treated + 2 Sides Heat Sealable

APPLICATION:

General purpose packaging films for using on HFFS and VFFS machines. It can be used as single ply or as lamination substrate to itself and to other films.



1. Treated, Heat sealable Layer
2. OPP layer
3. Transparent OPP layer
4. OPP Layer
5. Heat sealable Layer

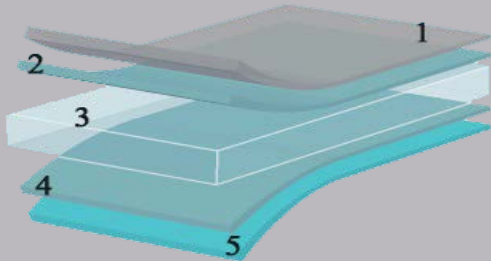
<i>Specification</i>	<i>Unit</i>	<i>Value</i>				
<i>Thickness</i>	μm	20	25	30	40	50
<i>Yield</i>	m^2/Kg	54.9	44.0	36.6	27.5	22
<i>Unit Weight</i>	g/m^2	18.2	22.8	27.3	36.4	45.5

FLEXIBLE Packaging

Transparent + 1 Side Treated + 1 Side Heat Sealable

APPLICATION:

General purpose packaging film for using on HFFS and VFFS machines. It can be used as single ply or as lamination substrate to itself and to other films. Zista 321 S can be used as printing substrate (for missing-dot-free printing) & lamination substrate to itself and to other films.



1. Treated special printable layer
2. OPP layer
3. Transparent OPP layer
4. OPP Layer
5. Heat sealable Layer

<i>Specification</i>	<i>Unit</i>	<i>Value</i>		
<i>Thickness</i>	μm	20	25	30
<i>Yield</i>	m^2/Kg	54.9	44.0	36.6
<i>Unit Weight</i>	g/m^2	18.2	22.8	27.3

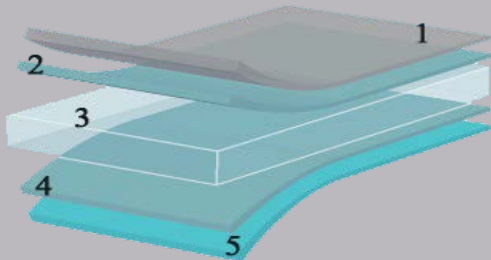
FLEXIBLE Packaging

Transparent + 1 Side Treated + 2 Sides Heat Sealable

Low SIT

APPLICATION:

General purpose packaging film for using on HFFS and VFFS machines. It can be used as single ply or as lamination substrate to itself and to other films. Heat sealing threshold of Zista221 D is lower than 105 °C.



1. Treated, Heat sealable Layer
2. OPP layer
3. Transparent OPP layer
4. OPP Layer
5. Heat sealable Layer

Specification	Unit	Value				
Thickness	µm	20	25	30	40	50
Yield	m ² /Kg	54.9	44.0	36.6	27.5	22
Unit Weight	g/m ²	18.2	22.8	27.3	36.4	45.5

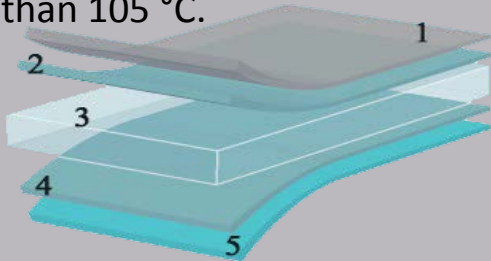
FLEXIBLE Packaging

Transparent + 1 Side Treated + 2 Sides Heat Sealable

Low SIT

APPLICATION:

General purpose packaging film for using on HFFS and VFFS machines. It can be used as single ply or as lamination substrate to itself and to other films. Zista 321 S can be used as printing substrate (for missing-dot-free printing) & lamination substrate to itself and to other films. Heat sealing threshold of Zista 321D is lower than 105 °C.



1. Treated special printable layer
2. OPP layer
3. Transparent OPP layer
4. OPP Layer
5. Heat sealable Layer

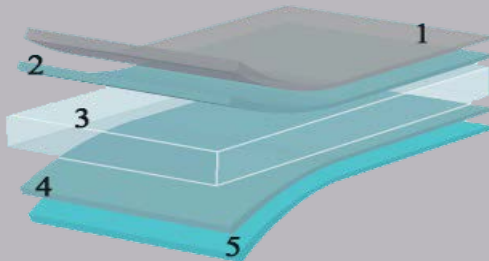
Specification	Unit	Value		
Thickness	µm	20	25	30
Yield	m ² /Kg	54.9	44.0	36.6
Unit Weight	g/m ²	18.2	22.8	27.3

FLEXIBLE Packaging

Matt + 1 Side Treated + 1 Side Heat Sealable

APPLICATION:

Suitable for lamination processes where matt effect is desired. Matt finish layer gives a non-reflective surface.



1. Heat sealable Matt layer
2. OPP layer
3. OPP layer
4. OPP Layer
5. Heat sealable Treated, Glossy Layer

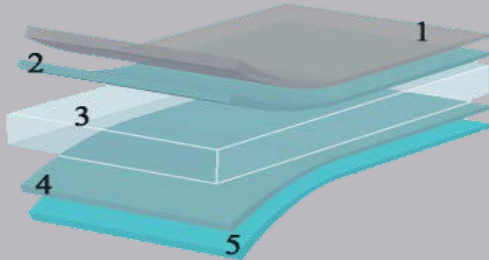
<i>Specification</i>	<i>Unit</i>	<i>Value</i>
<i>Thickness</i>	μm	20
<i>Yield</i>	m^2/Kg	58.1
<i>Unit Weight</i>	g/m^2	17.2

FLEXIBLE Packaging

Matt + 1 Side Treated + 1 Side Heat Sealable

APPLICATION:

Suitable for lamination processes where matt effect is desired. Matt finish layer gives a non-reflective surface. Zista 351 S can be used as printing substrate (for missing-dot-free printing) & lamination substrate to itself and to other films..



1. Heat Sealable Matt Layer
2. OPP layer
3. OPP layer
4. OPP Layer
5. Treated Special Printable Glossy Layer

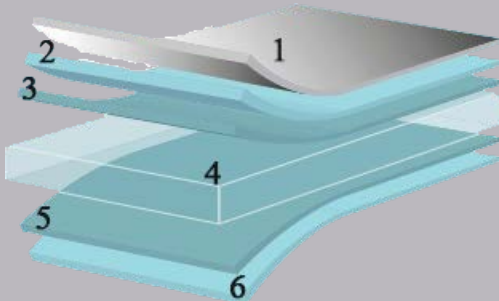
<i>Specification</i>	<i>Unit</i>	<i>Value</i>
<i>Thickness</i>	μm	40
<i>Yield</i>	m^2/Kg	27.5
<i>Unit Weight</i>	g/m^2	36.4

FLEXIBLE Packaging

Metalized + 1 Side Treated + 1 Side Heat Sealable

APPLICATION:

For packaging of snacks, chips, biscuits, ice-creams, coffee , etc where the barrier properties are required. It can be printed and laminated with BOPP, BOPET and other substrates.



1. Aluminum metalized layer
2. Treated OPP layer
3. OPP layer
4. Transparent OPP Layer
5. OPP layer
6. Heat sealable Treated

<i>Specification</i>	<i>Unit</i>	<i>Value</i>	
<i>Thickness</i>	μm	18	20
<i>Yield</i>	m^2/Kg	61.1	54.9
<i>Unit Weight</i>	g/m^2	16.4	18.2

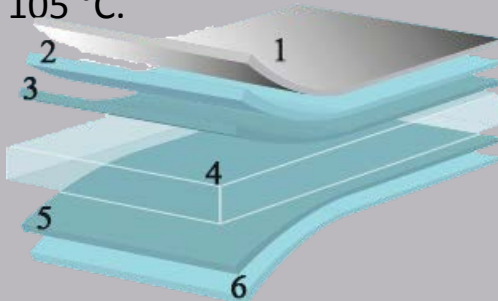
FLEXIBLE Packaging

Metalized + 1 Side Treated + 1 Side Heat Sealable

Low SIT

APPLICATION:

For packaging of snacks, chips, biscuits, ice-creams, coffee, etc where the barrier properties are required. It can be printed and laminated with BOPP, BOPET and other substrates. Heat sealing threshold of Zista 381 D is lower than 105 °C.



1. Aluminum metalized layer
2. Treated OPP layer
3. OPP layer
4. Transparent OPP Layer
5. OPP layer
6. Special Heat sealable Treated

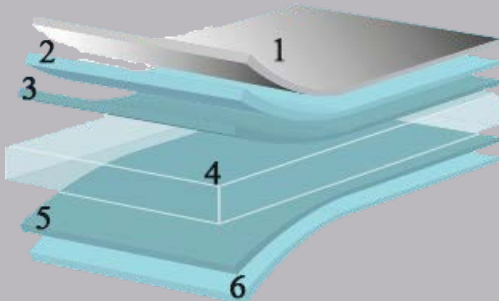
Specification	Unit	Value	
Thickness	μm	18	20
Yield	m ² /Kg	61.1	54.9
Unit Weight	g/m ²	16.4	18.2

FLEXIBLE Packaging

Metalized + 2 Sides Treated + Cold Sealable

APPLICATION:

This film can be used for cold seal application and also for gift and flower wrapping.



1. Aluminum metalized layer
2. Treated OPP layer
3. OPP layer
4. Transparent OPP Layer
5. OPP layer
6. Special Heat sealable Treated

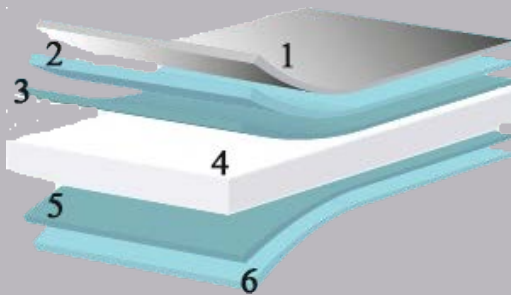
<i>Specification</i>	<i>Unit</i>	<i>Value</i>
<i>Thickness</i>	<i>μm</i>	<i>20</i>
<i>Yield</i>	<i>m²/Kg</i>	<i>54.9</i>
<i>Unit Weight</i>	<i>g/m²</i>	<i>18.2</i>

FLEXIBLE Packaging

White Voided + 1 Side Treated + Non Heat Sealable

APPLICATION:

This film is mostly used as wrapping in food packaging especially as liner layer between food and the main packaging film in products such as toffees, candies, etc.



1. Treated printable layer
2. Special OPP layer
3. White Voided OPP layer
4. Special OPP Layer
5. OPP Layer

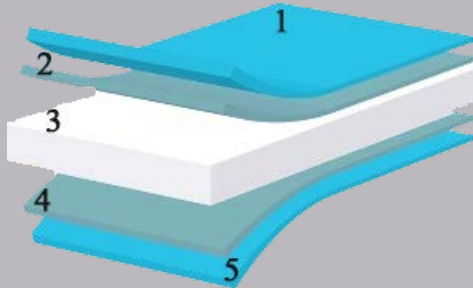
<i>Specification</i>	<i>Unit</i>	<i>Value</i>
<i>Thickness</i>	μm	25
<i>Yield</i>	m^2/Kg	52.9
<i>Unit Weight</i>	g/m^2	18.9

FLEXIBLE Packaging

White Voided + 2 Sides Treated + Cold Sealable

APPLICATION:

Cold sealable, white voided film for single or multilayer packaging of cakes, chocolates and wherever pearalized effect is required. White color of this film eliminates the need for white base color print.



1. Treated printable layer
2. Special OPP layer
3. White Voided OPP layer
4. Special OPP Layer
5. Treated Layer

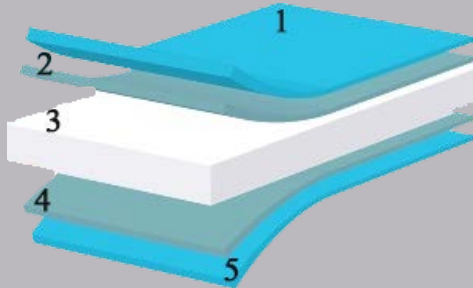
<i>Specification</i>	<i>Unit</i>	<i>Value</i>		
<i>Thickness</i>	μm	30	35	50
<i>Yield</i>	m^2/Kg	47.6	40.8	28.6
<i>Unit Weight</i>	g/m^2	21	24.5	35

FLEXIBLE Packaging

White Voided + 1 Side Treated + 2 Sides Heat Sealable

APPLICATION:

General purpose, for ice-cream, wafers, snacks, biscuits and packaging applications, wherever pearlized effect is required. White color of this film eliminates the need for white base color print.



1. Treated, Heat Sealable Layer
2. Special OPP layer
3. White Voided OPP layer
4. Special OPP Layer
5. Heat Sealable Layer

<i>Specification</i>	<i>Unit</i>	<i>Value</i>		
<i>Thickness</i>	μm	25	30	35
<i>Yield</i>	m^2/Kg	52.9	47.6	40.8
<i>Unit Weight</i>	g/m^2	18.9	21	24.5

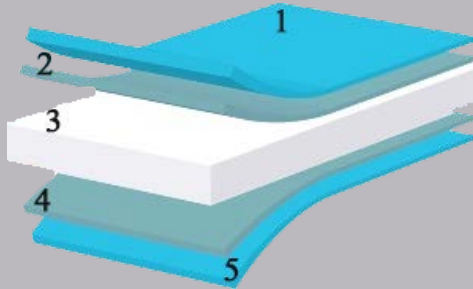
FLEXIBLE Packaging

White Voided + 1 Side Treated + 2 Sides Heat Sealable

Low SIT

APPLICATION:

General purpose, for ice-cream, wafers, snacks, biscuits and packaging applications, wherever pearled effect is required. White color of this film eliminates the need for white base color print. Heat sealing threshold of Zista 241 D is lower than 105 °C.



1. Treated, Heat Sealable Layer
2. Special OPP layer
3. White Voided OPP layer
4. Special OPP Layer
5. Special Heat Sealable Layer

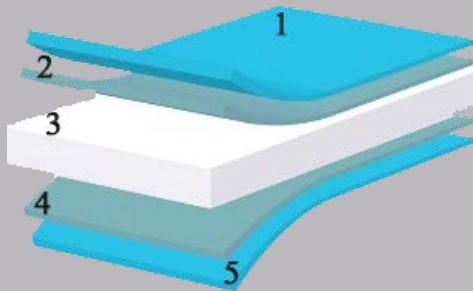
<i>Specification</i>	<i>Unit</i>	<i>Value</i>		
<i>Thickness</i>	μm	25	30	35
<i>Yield</i>	m^2/Kg	52.9	47.6	40.8
<i>Unit Weight</i>	g/m^2	18.9	21	24.5

FLEXIBLE Packaging

White Voided + 1 Side Treated

APPLICATION:

White voided, opaque BOPP film, specifically developed for single ply roll-fed bottle labels. This film can also be used for other kinds of applications such as cut & stack.



1. Treated, Heat Sealable Layer
2. Special OPP layer
3. White Voided OPP layer
4. Special OPP Layer
5. OPP Layer

<i>Specification</i>	<i>Unit</i>	<i>Value</i>	
<i>Thickness</i>	μm	38	55
<i>Yield</i>	m^2/Kg	38.7	26
<i>Unit Weight</i>	g/m^2	25.8	38.5

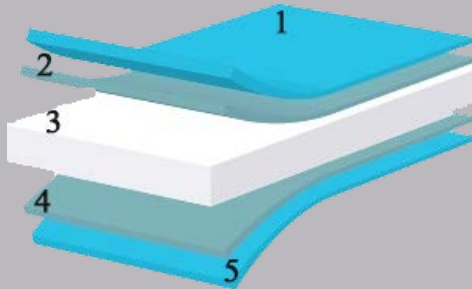
FLEXIBLE Packaging

Metalized White Voided + 1Side Treated + 1Side Heat Sealable

Ultra Low SIT

APPLICATION:

High speed, heat sealable, white voided film for ice-cream packaging or wherever it is needed to have metallic surface on one side and white surface on the other side. Heat sealing threshold of Zista 381 D2 is lower than 95 °C.



1. Treated, Heat Sealable Layer
2. Special OPP layer
3. White Voided OPP layer
4. Special OPP Layer
5. OPP Layer

Specification	Unit	Value		
Thickness	µm	35	40	45
Yield	m ² /Kg	40.8	35.7	31.7
Unit Weight	g/m ²	24.5	28	31.5

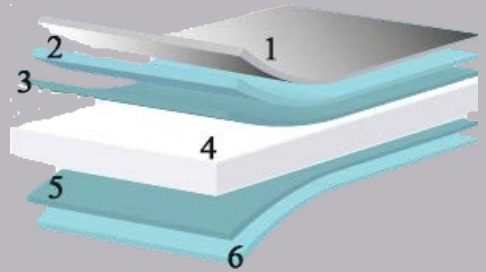
FLEXIBLE Packaging

White Voided Metalized + 2 Sides Treated

Dead Fold

APPLICATION:

Margarine or chocolate fold wrapping, wherever dead-fold properties are required. Non metalized type of this film (before metalizing) is Zista 342 NM8 and can be supplied upon request.



- 1. Aluminum Metalized Layer
- 2. Treated OPP layer
- 3. Special OPP layer
- 4. White Voided OPP layer
- 5. Special OPP Layer
- 6. Special Heat Sealable

<i>Specification</i>	<i>Unit</i>	<i>Value</i>	
<i>Thickness</i>	μm	70	80
<i>Yield</i>	m^2/Kg	26	22.7
<i>Unit Weight</i>	g/m^2	38.5	44



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