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4.5 Microns BOPET Film silver metallized (4.5–60 μm)
超薄BOPET银色镀铝膜

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APIG-PDS-BPE-020-2026	**Rev. 1.0**	**2026-11-07**	**Product Data Sheet / 产品规格书**

Metallized BOPET film, 4.5μm, for printing, lamination and flexible packaging, supply to metallized film and capacitor makers.
超薄BOPET银色镀铝膜

3. PRODUCT DESCRIPTION 产品说明

4.5 Microns BOPET Film silver metallized 4.5 Microns BOPET Film silver metallized, Bopet polyester metallized film has a super reflective, mirror- like surface. It is a oriented polyester film with a very
超薄BOPET银色镀铝膜/4.5，6.0 Microns BOPET Film silver metallized 4.5,6.0 Microns BOPET Film silver metallized, Bopet polyester metallized film has a super reflective, mirror- like surface. It is a oriented polyester film with a very

thin coating of aluminum that is vacuum deposited on to the surface of the film. This film is used in a variety of
thin coating of aluminum that is vacuum deposited on to the surface of the film. This film is used in a variety of

industrial and applications, including printing, packaging, crafts and many other applications.
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Main features of bopet polyester metallized film
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a. Good Metal Bond Strength
a. Good Metal Bond Strength

b. Good Barrier properties of oxygen, light, water vapor
b. Good Barrier properties of oxygen, light, water vapor

c. Good Lamination Bond Strength
c. Good Lamination Bond Strength

d. Excellent Machinability
d. Excellent Machinability

Technical Performance:
Technical Performance:

N o .
N o .

Properties
Properties

Unit
Unit

Value
Value

Test Method
Test Method

Standard Thickness
Standard Thickness

4.5 microns
4.5 microns

Film Thickness Tolerance
Film Thickness Tolerance

ASTM-D374
ASTM-D374

Tensile Strength
Tensile Strength

MD
MD

MPa
MPa

200
200

ASTM-D882
ASTM-D882

Tensile Strength
Tensile Strength

TD
TD

200
200

Elongation at Break
Elongation at Break

MD
MD

100
100

Elongation at Break
Elongation at Break

TD
TD

100
100

Heat Shrinkage(150 °C /30min)
Heat Shrinkage(150 °C /30min)

MD
MD

1.5

1.5

ASTM-D1204
ASTM-D1204

Heat Shrinkage(150 °C /30min)
Heat Shrinkage(150 °C /30min)

TD
TD

0.5
0.5

Wetting Tension
Wetting Tension

mN/m
mN/m

52
52

ASTM-2578
ASTM-2578

WVTR
WVTR

g/m2.24h
g/m2.24h

3.5
3.5

ASTM-F1249
ASTM-F1249

OTR
OTR

cm3/(m2.24h.0.1MPa)
cm3/(m2.24h.0.1MPa)

15
15

ASTM-F1927
ASTM-F1927

Strong adhesive strength
Strong adhesive strength

20
20

10

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10

Aluminum-plate thickness
Aluminum-plate thickness

OD
OD

2.0
2.0

11
11

Aluminum-plate equality
Aluminum-plate equality

15
15

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4. COMMERCIAL TERMS 商务条款

超薄BOPET银色镀铝膜/4.5，6.0 Microns BOPET Film silver metallized

4.5 Microns BOPET Film silver metallized, Bopet polyester metallized film has a super reflective, mirror- like surface. It is a oriented polyester film with a very

thin coating of aluminum that is vacuum deposited on to the surface of the film. This film is used in a variety of

industrial and applications, including printing, packaging, crafts and many other applications.

5. HS CODE & REMARKS 海关编码与备注

Item 项目 Value 内容	
HS Code 海关编码	3920620000
Product Code 产品编号	APIG-BPE-020

Values above are the supply range published on this product page; blank cells are to be supplied. No test value, certificate number or customer name has been added.
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