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BOPP Pearlized Film 25/38/40 µm - Technical Data
BOPP 薄膜 — 技术数据

Document No. 文件编号	Revision 版本	Issue date 签发日期	Document type 文件类型
APIG-TDS-BOPP-PEARL-2026	**Rev. 2.0**	**2026-11-09**	**Technical Data / 技术数据**

1 • DOCUMENT INFORMATION 文档信息

Item 项目	Description 说明
Document type 文件类型	Technical Data / 技术数据
Subject 主题	BOPP Pearlized Film 25/38/40 µm - Technical Data
Specification basis 规格依据	APIG product specification 亚太工业集团产品规格
Issue 签发	2026-11-09 · Rev. 2.0
Language 语言	Bilingual headings — English / 中文

2 • TECHNICAL CONTENT 技术内容

PROPERTIES	UNIT	Column 3	RESULT	TESTSTANDARD
AVERAGEGAUGE	MICRON µm	d 38/40		
UNITWEIGHT	g/m2	e t 175 i		
LIGHTTRANSMISSION	%	m 22 i	1 ASTMD 1003 7	
GLOSS45°	L %	80	8 ASTMD 2457	
TENSILESTRENGTH	MPa	MD o .	60	4 5 6 s ASTMD 882 l - 9 a
MPa	C TD	m 170		
ELONGATIONATBREAK	%	p o MD	130	1 c i 9 ASTMD 882 m
u o %	c TD s	8 17		
MODULUSOFELASTICITY	r G MPa	e MD l	1 930	e h ASTMD 882 C
a TD	6 2170			
r t HEATSHRINKAGE s 120℃5min u	y s m %	MD	:8 32	n
l i f %	TD	e o i l i 26 t		
d n p l o WETTINGLEVEL b c i f	p l a s Dyne/cm c i f i	e b o ASIDE	a 38 i c	m o ASTMD 2578 - c
m / BSIDE	n u e . 38 l	ASTMD 2578		
i w c a w a P p w COF a / i / s	c p a s µd t a h	p m AA	a s 039	ASTMD 1894
m AB	m 048 l			
o C BB p	i f 053			
a p : w HEATSEALSTRENGTH t e :	n p r o N/15mm e b t s	27		
/ t 125℃018Mpa1S p . , a				

TECH DATA OF 25UM BOPP PEARLIZED FILM (BOPP WHITE OPAQUE FILM) THICKNESS micron 25 YIELD m2/kg (min.) - 59 49 42 35 28 DENSITY g/cm3 ASTM D-1505 0.65-0.70 0.65-0.70 0.65-0.70 0.68-0.72 0.68-0.72 TENSILE STRENGTH kg/mm2 MD ASTM 6 6 6 6 6 (min.) TD D-882 12 12 12 12 12 ELONGATION AT BREAK % MD ASTM 140 140 140 140 140 (max.) TD D-882 50 50 50 50 50 THERMAL SHRINKAGE % MD ASTM 4 4 4 4 4 (120° c 15 minutes)

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(max.) TD D-1204 2 2 2 4 4 STATIC C.O.F. film/film ASTM D-1894 0.3 - 0.4 0.3 - 0.4 0.3 - 0.4 0.3 - 0.4 0.3 - 0.4 °c 1 BAR 1 SEC 115 115 115 115 115 g/cm

以下数据为本产品技术规格，随货签发检验记录。

(min.) - 80 80 80 80 80 GLOSS (angle 45°) % (min.) ASTM 26 26 26 26 26 D-2457 WVTR g/m2/24 hr (max.) ASTM F-1249 5 4.2 3.6 3.2 3 O2TR cc/m2/24 hr (max.) ASTM D-3985 1,700 1,600 1,500 1,400 1,200 CORONA REATMENT Dyne/cm (min.) ASTM D-2578 38 38 38 38 38 · TYPE: BOPP PEARLIZED FILM/BOPP CO-EX PEARLIZED OPAQUE UNIT RESULT LIGHT TRANSMISSION % 22 ASTM D-1003 GLOSS 45° % 80 ASTM D-2457 TENSILE STRENGTH MPa MD 60 ASTM D-882 MPa TD 170

3 • NOTES 说明

This document states the standard specification of the product. Values apply to the grades listed here; the tolerance range agreed in the order confirmation and the technical agreement prevails for any specific order. Batch test records are issued with the goods on request.