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# Asia Pacific - BOPP Plain Film

## BOPP 薄膜 — 技术资料

| Document No. 文件编号 | Revision 版本 | Issue date 签发日期 | Document type 文件类型 |
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## 1 • DOCUMENT INFORMATION 文档信息

| Item<br>项目 | Description<br>说明 |
|---|---|
| Document type 文件类型 | Technical Document / 技术资料 |
| Subject 主题 | Asia Pacific - BOPP Plain Film |
| 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

| Items | Prime | Testmethod | d Standard | Result | Marking |
|---|---|---|---|---|---|
| Tensilestrength inmachine | MD | GB13022 91 - i L | e ≥150 t i | ≥120 | m 9 6 5 4 8 |
| TD | m ≥260 | ≥260 | | | |
| Elongationin machine | MD | o . C GB13022 91 - o | ≤180 | ≤180 | |
| TD | m ≤65 | ≤65 | | | |
| u Elasticity(Threedays later)Mpa o r G | p .c s GB13022 91 e - l a | ≥1700 | 1 ≥1700 9 8 | | |
| Thermal t s u d contraction% | y s r m MD | m GB/T1003 96 - o c | ≤4 | 1 ≤5 6 | |
| l i f TD p | ≤2 : e | 8 ≤3 n o | | | |
| n l o Haze% | p c l | e GB2410 80 - l | l i b ≤12 | i t ≤15 . a | |
| b c i f Transparency i w . c a w w stability % | a p i g c i f i | a s m c / GB2410 80 - p | o i n ≥85 u m | o c .c e / l a | |
| w / w / Gloss% | p a | p a m GB8807 88 s | m ≥90 l | s ≥85 | |
| w : p / :/ s Wettability a p : mN/m t e t | i a / w h a t | o C n GB/T14216 93 - r o e | i f p ≥39 p | ≥38 | |
| h p y h Fraction k S c e coefficient% W h n | t t a s MD a | b w . w GB/10006 88 - w | ≤08 | ≤08 | |
| E i u TD / / | ≤08 | ≤08 | | | |

| 2 、Dimension | Column 2 |
|---|---|
| Items Prime Eligible Result d e Dimensional t ±30% ±45% ±70% i . . . m | |

| deflection | ≤1mm | ≤3mm | > 3mm | BYRULE | P |
|---|---|---|---|---|---|
| Warponeldge | NO | NO | Obviously | BYSIGHT | G |
| Dent | NO | NO | / | BYSIGHT | V |
| Color distinction | NO | i Obviously m i | d e t / | BYSIGHT | D |
| Bruise | NO | L Obviously | Obviously | BYSIGHT | R 7 |

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| deflection | ≤1mm | ≤3mm | > 3mm | BYRULE | P |
|---|---|---|---|---|---|
| Contamination | C NO | o . NO m | / | BYSIGHT | 8 4 W |
| p Diameter < 05mm . u o Oneortwo s , G r | | | | | |
| Balloon u | e l diameter < 05mm . | o .c Yes | / 6 - 8 | 6 9 1 9 8 BYSIGHT 1 | 5 K |
| a y s thr | | | | | |
| d Material n l c leakage i | o p .c p l o NO b c l g a i | i e b Lightly o | : e l t Badly a c | n o i m BYSIGHT o | H |

| deflection | ≤1mm | ≤3mm | > 3mm | BYRULE | P |
|---|---|---|---|---|---|
| f i w c Dyne w w distinction | p s . c .a i f ≥38 i w c p a | m / ≥36 p m | u n i s a l | e .c | U |
| / w / w Damage | a p s a t No i | m o Lightly f | m l Badly i | X | |
| / :/ Width | a s h ±1 a n w | C p ±2 p | A | | |
| p : t e Length p y k distinction S | r / e t t a s Doasclients h a w E c | o b Light . distinction | Badly | BY COMPUTER | C |

BOPP PLAIN FILM Test report (Tech data ) Standard : GB/T1003-96 1、machinability Items Prime Test method Standard Result Marking Tensile strength in machine MD GB13022-91 ≥150 ≥120 TD ≥260 ≥260 Elongation in machine MD GB13022-91 ≤180 ≤180 TD ≤65 ≤65 Elasticity(Three days later) Mpa GB13022-91 ≥1700 ≥1700 Thermal contraction % MD GB/T1003-96 ≤4 ≤5 TD ≤2 ≤3 Haze % GB2410-80 ≤1.2 ≤1.5 stability % GB2410-80 ≥85 / Gloss % GB8807-88 ≥90 ≥85 mN/m GB/T14216-93 ≥39 ≥38 Fraction coefficient % MD GB/10006-88 ≤0.8 ≤0.8 TD ≤0.8 ≤0.8 2、Dime nsion Items Prime Eligible Result Stability ±3.0% ±4.5% ±7.0% ±2.5% ±4.0% / Length Stability < 30um ±300 M ±800 M / ≥30um ±150M ±400M / The length of junction < 20um > 1000M > 500M / 20~30um > 800M > 30um > 500M Width Stability ≤±2mm > ±2mm / 3、Appearance Items Prime Eligible Weak Test method Marking Damage of core NO YES BY SIGHT O Damage of edge NO A LITTLE BADLY BY SIGHT B Joint NO One joints is allowed 3 jionts BY SIGHT J ≤1mm ≤3mm > 3mm BY RULE P Warp on eldge NO Obviously BY SIG HT G Dent NO / BY SIGHT V Color NO Obviously / BY SIGHT D Bruise NO Obviously BY SIGHT R NO / BY SIGHT W Balloon Diameter < 0.5mm One or two, diameter < 0.5mm three Yes / BY SIGHT K Material leakage NO Lightly Badly BY SIGHT H Dyne ≥38 ≥36 U Damage No Lightly Badly X Width ±1 ±2 A Length Do as clients Light Badly BY COMPUTER C 4、Roll’ s quality Items Prime Eligible Weak Test method Marking Dent Width below 1000mm ≤50m Width above 1000mm ≤100m ≤250m / BY SIGHT F Dent inside No > 300m BY SIGHT L marking NO / BY SIGHT T marking NO / BY SIGHT M Blotch No Lightly / BY SIGHT Q Business license registration number.:
以下数据为本产品技术规格，随货签发检验记录。

## 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.