

TECHNICAL DATA SHEET

AZ



Foopak Anchor Plus (AZ) is a premium quality paperboard solution specially designed for shrimp packaging. Foopak Anchor Plus (AZ) offers excellent barrier performance and strong wicking resistance to prevent any liquid seepage on the cutting side, providing reliable protection for your product. Foopak Anchor Plus has good printability, also rigorously tested and comply with the US FDA regulations in terms of food grade use.



PRODUCT SPECIFICATION

| GRAMMAGE T 410 om-02 | | THICKNESS ISO 534:1988 (E) | | STIFFNESS 15° T 556 om-05 | |
|-------------------------|-------------------|-------------------------------|-----------|------------------------------|-------------|
| (g/m ²) | (24" x 36" 500)lb | (µm) | (pt) | CD (mNm) | MD (mNm) |
| 260 ± 4% | 160 ± 4% | 420 ± 4% | 16.5 ± 4% | 7.8 | 16.0 |
| 280 ± 4% | 172 ± 4% | 450 ± 4% | 17.7 ± 4% | 8.9 | 18.3 |
| 300 ± 4% | 184 ± 4% | 485 ± 4% | 19.1 ± 4% | 10.3 | 21.0 |

Tolerance for stiffness 10%

| PROPERTY, UNIT | UNIT | METHOD | SIDE | VALUES |
|------------------------------|-------------------|---------------------|------------------------------------|-----------|
| Moisture Content | % | T 412 om-02 | | 7.5 ± 1.0 |
| Brightness (D65/10°) | % | ISO 2470-2:2008 (E) | TOP | Min 80.0 |
| | | | BACK | Min 78.0 |
| Internal Bond Strength | J/m ² | T 569 pm-00 | | Min 150 |
| Water Absorption COBB (180s) | g/m ² | T 441 om-04 | TOP | Max 70 |
| Edge Wick | kg/m ² | Internal Mill | Lactic Acid 1%, 1 Hours | Max 1.6 |
| Dirt Spot | m ² | T 537 om-02 | Spot size, mm ² 0.1-0.3 | Max 60 |
| | | | Spot size, mm ² 0.3-1.5 | Max 10 |
| | | | Spot size, mm ² >1.5 | Max 0 |
| Surface Tension | Dyne/cm | ASTM D2578-09 | PE Side | Min 38 |

**) Testing is done when production finished at room condition, Temp (°C) : 23 ± 1 and RH (%) : 50 ± 2*

LDPE POLY CONFIGURATIONS

| | | | | | | |
|-----------------------|-----|----|----|----|----|----|
| GSM, g/m ² | ±2 | 15 | 18 | 20 | 22 | 24 |
| THICKNESS, µm | Min | 12 | 15 | 18 | 20 | 22 |

- Available in double-sided poly configuration, in choice of gloss or matte finish.
- Surface treatment is normally applied for improvement printability, customer may make special request for no treatment.
- PE coated weight and thickness is to be added in baseboard to get final basis weight and thickness.

APPLICATION USES

- Shrimp/Raw Seafood Packaging, and Deep Fridge Application/Cold Storage

Note :

-For first time customer/new application, please conduct plant trial first before commercial order
-Strongly recommend to seek further technical advice and support from glue and ink vendors in terms of the board's adhesives compatibility and the board's printability/printing method respectively

TEMPORARY SPECIFICATION

Note :

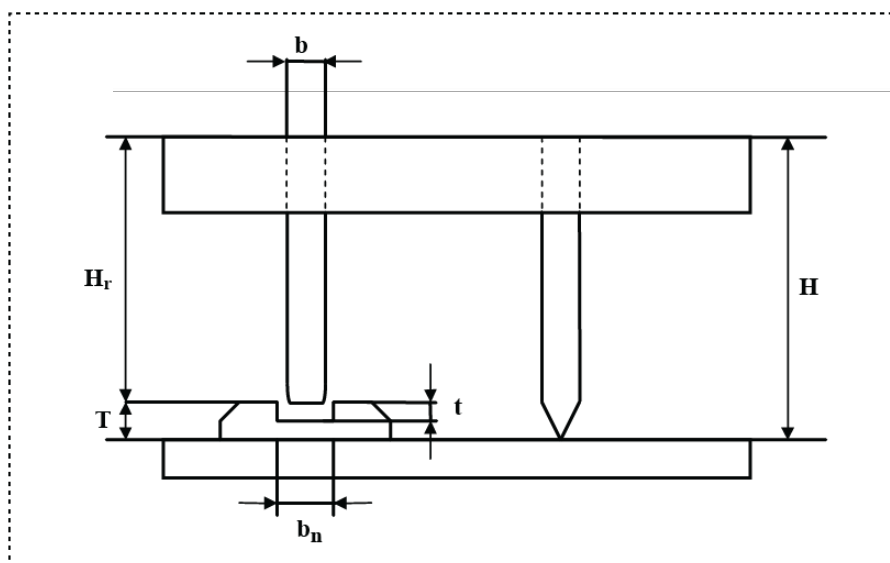
Since this is a temporary specification, this meant that the data presented in this specification is not fixed yet and will possibly be subjected to change in the future.

CREASING RULE GUIDELINES

| PAPERBOARD THICKNESS | THICKNESS OF COUNTERPART, T | CREASING RULE | | GROOVE WIDTH ¹⁾ , b _n | |
|----------------------|-----------------------------|-----------------------------|----------|---|------------------|
| | | HEIGHT, H _r (mm) | WIDTH, b | MD ²⁾ | CD ³⁾ |
| (μm) | (mm) | | | | |
| 410 | 0.4 | 23.4 | 0.70 | 1.3 | 1.4 |
| 450 | 0.5 | 23.3 | 0.70 | 1.3 | 1.4 |
| 500 | 0.5 | 23.3 | 0.70 | 1.4 | 1.5 |
| 550 | 0.6 | 23.2 | 0.70 | 1.4 | 1.5 |

Height of Cutting Rule, H : 23.8 mm

1. Maximum recommended tolerance on groove width ± 0.2 mm
2. Grooves parallel to the sheet fibers
3. Grooves perpendicular to the sheet fibers



Note :
-To ensure die-cut drawing and its details are suitable with this board, it is recommended to discuss further with die-cut experts