



Ruc. 2557942-1-827268 DV 8



Technical Specifications of Labelstock

2025/09/05

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                    |        |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------|-----------------|
| Product Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | BOPP White 60Pet30Um                                               |        |                 |
| Product Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 60μm Brilliant White BOPP/Permanent Clear Adhesive/ 30μm Clear PET |        |                 |
| Face Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 60μm High-qulaity Brilliant White BOPP                             |        |                 |
| Adhesive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Permanent Clear Adhesive                                           |        |                 |
| Liner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30μm Clear PET                                                     |        |                 |
| Items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                    | Unit   | Test Method     |
| Face Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                    |        |                 |
| Caliper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 60±10%                                                             | μm     | GB/T 451.3-2003 |
| Light Transmittance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ≤28                                                                | %      | GB/T 2410-2008  |
| This product uses brilliant white BOPP film. The surface has a special printable coating, hard material, excellent processing performance. Typically used in everyday chemicals and food product labels.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                    |        |                 |
| Adhesive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                    |        |                 |
| ‘Loop’ Tack                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ≥8                                                                 | N      | FTM9, ss        |
| Peel Adhesion (90°)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ≥5                                                                 | N/25mm | FTM2, ss        |
| Minimum Application Temp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10℃                                                                |        |                 |
| Service Temperature Rang                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -10℃ — +80℃                                                        |        |                 |
| Super viscous and permanent acrylic adhesive has excellent performance on various packing materials and on processing. Not recommended for irregular surface or often squeezed bottles.Labeling test before mass application is necessary.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                    |        |                 |
| Liner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                    |        |                 |
| Caliper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 30±5%                                                              | μm     | GB/T 451.3-2003 |
| Haze                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ≤2.7                                                               | %      | GB/T 2410-2008  |
| Printing and Converting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                    |        |                 |
| The specially treated coating surface can be used for letterpress, flexo, gravure and screen printing methods.Suitable for UV ink. It is especially necessary to avoid printing to the edge of the label, especially screen printing with UV ink and UV varnish, because the high shrinkage ink layer causes the label to curl and eventually cause the label to be removed from the liner or raised from the object. Ink testing is always recommended before production. In order to ensure smooth production, it is necessary to use the sharp cutter specialized for film processing,especialling in platen press. Excellent in gilding printing process. Control tention when winding in order to avoid adhesive migration due to extra tension.<br>The material can be used in food if and only if it has a barrier, it is not suitable for direct contact with food. |                                                                    |        |                 |
| Storage and Preservation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                    |        |                 |
| One year when stored at 23±2℃ and 50±5% RH. If test qualified, the label can continually been used after shelf life.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                    |        |                 |

- Note:
1. All relative material`s description, technical specification and usage recommendation are based upon tests believed to be reliable but do not represent a guarantee.
  2. Is mandatory test before production to avoid potential risks, due to various operating environments and processing conditions.
  3. All information and recommendations abouts Fenix® products are base on our existing knowledge and experiences but do not mean a guarantee or warranty. As the products are used for differents applications we recommend checking suitability of products prior to use. All information is subject to change without notice. End user obliged and verifies the above information before using the material
  4. ASI Development Inc. Reserves the right to interpret latest terms to the technical documents.

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