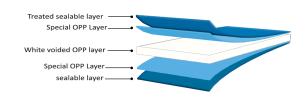


## **THK 421** White voided BOPP Film

Features:

- Excellent opacity, gloss and stiffnessLow density and high yield
- Excellent hot tack and sealing strength
- High speed packaging capability due to lower sealing temperature
- Excellent ink and adhesive adhesion
- Cost-saving converting process due to its natural solid white color



White voided BOPP film for general purpose, suitable for High speed, heat sealable application like ice-cream, wafers, snacks, biscuits and other packaging application wherever pearlized effect is required. White color of this film saves white base color print.

| Specification          | Test Method | Unit               | Test direction | 25 μ |
|------------------------|-------------|--------------------|----------------|------|
| Wetting Tension        | ASTM D 2578 | Dyne/cm            | N              | -    |
|                        |             |                    | Т              | ≥ 36 |
| Density                | POLILUX     | gr/cm <sup>3</sup> | -              | 0.74 |
| Opacity                | DIN 53146   | %                  | -              | 70   |
| Yield                  | ASTM D 4321 | m²/Kg              | -              | 54.1 |
| Gloss                  | ASTM D 2457 | %                  | glossy side    | 80   |
| Tensile Strength       | ASTM D 882  | N/mm²              | MD             | 103  |
|                        |             |                    | TD             | 161  |
| Elongation at break    | ASTM D 882  | %                  | MD             | 140  |
|                        |             |                    | TD             | 37   |
| Thermal Shrinkage      | ASTM D 1204 | %                  | MD             | ≤ 4  |
|                        |             |                    | TD             | ≤ 2  |
| Heat Sealing threshold | ASTM F 88   | °C                 | NN             | ≤120 |
| Dynamic C.O.F          | ASTM D 1894 | -                  | N-N            | 0.30 |
|                        |             |                    | Film-Metal     | 0.20 |

T: Treated side. N: Non-treated side. MD: Machine direction. TD: Transverse direction

Storage and Handling: The reels should be kept in their original packaging until used. It is recommended that films are stored below 30°C in order to minimize deterioration of film properties. All films should be allowed to reach operation room temperature for 24 hours before use. The treatment level declines with time.

Food Approval: Polilux THK 421 is appropriate to food contact regulation.

Polilux does not guarantee the typical values. Any data included herein is based on the analysis of representative samples and not the actual Disclaimer: product shipped.NO guarantee is made regarding information presented in this document. The user is solely responsible for all determinations

regarding use and therefore Polilux denies any responsibility for any loss or damage that may occur from the use of this information.

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