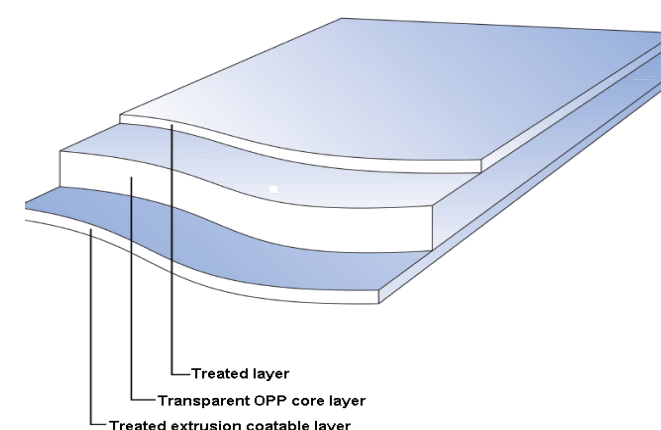


Product Description:

B-TEP is a transparent film
Both side treated and one side modified layer

Key Features:

- Modified layer suitable for direct extrusion coating without primer
- Excellent bonding with PE

Film Structure

Application:

- Extrusion coating & lamination

| PROPERTIES | TEST METHOD (ASTM) | UNIT | TYPICAL VALUES | |
|--|----------------------|------------------------------|----------------|-------|
| | | | 12 | 15 |
| THICKNESS | Internal | Micron | 12 | 15 |
| | | (Gauge) | 48 | 60 |
| FILM DENSITY | D-1505 | gm/cc | 0.91 | 0.91 |
| GRAMMAGE | Internal | gm/m ² | 10.92 | 13.65 |
| YIELD | Internal | m ² /kg | 91.57 | 73.26 |
| | | in ² /lb | 64515 | 51615 |
| TREATMENT LEVEL** | (Min.) D-2578 | dyne/cm | 38 | 38 |
| HAZE | D-1003 | % | 2.2 | 2.4 |
| GLOSS | MATTE / GLOSS D-2457 | Unit | 94 | 92 |
| TENSILE STRENGTH AT BREAK | D-882 | MD* | 1200 | 1200 |
| | | TD* | 2500 | 2500 |
| | | MD* | 17.0 | 17.0 |
| | | TD* | 35.5 | 35.5 |
| ELONGATION AT BREAK | D-882 | MD | 160 | 160 |
| | | TD | 60 | 60 |
| | | MD | 18000 | 18000 |
| MODULUS OF ELASTICITY | D-882 | TD | 30000 | 30000 |
| | | MD | 255.6 | 255.6 |
| | | TD | 426.0 | 426.0 |
| | | MD | 426.0 | 426.0 |
| LINEAR SHRINKAGE (5 Minute at 130°C) | D-1204 | MD | <5.0 | <5.0 |
| | | TD | <3.0 | <3.0 |
| HEAT SEAL STRENGTH (Min.) | Internal | gm/25mm | 350 | 350 |
| W.V.T.R.(38°C & 90%RH) | F-1249 | gm/m ² /day | 6.5 | 5.8 |
| | | (gm/100in ² /day) | 0.42 | 0.4 |
| O.T.R. (23°C & 0%RH) | D-3985 | cc/m ² /day | 1800 | 1700 |
| | | (cc/100in ² /day) | 116 | 110 |

Ref no QAD UFLI S/14 - B11/2

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

STORAGE & HANDLING

FLEXOPP™ does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties. It is advisable to use the material on FIFO basis. The film should be kept at operating environment for 24 hours before processing. FLEXOPP™ is best suitable for use up to 3 months from date of dispatch.

FOOD CONTACT

FLEXOPP™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. The Values given in the technical data sheet represent typical values based on the best of our knowledge as on date when the data was compiled. It is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. Flex Gives no warranty or accept liability for any loss and fitness of the product for any specific purpose. Flex reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information

****TDS issued on 11-02-2015.All previous version of this grade are invalid.**

Website: www.flexfilm.com