

i LI300

White Voided In-Mold Label Film



WHITE VOIDED BOPP FILM

DESCRIPTION :

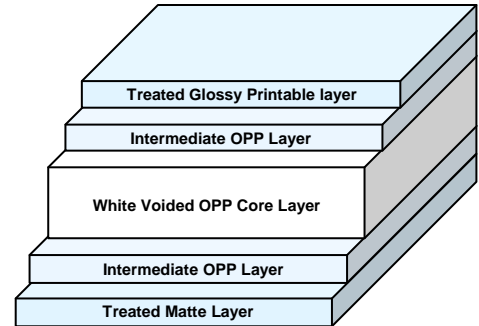
Gulf Pack LI300 is a white voided film with one side glossy and other side matte, both sides treated.

PRODUCT FEATURES:

- Voided core for orange peel finish label
- High gloss
- Excellent whiteness
- High moisture resistance
- Good anti-static and stiffness properties
- Outstanding bonding to PP containers

APPLICATIONS:

- Injection In-Mold labelling
- Roll to roll or roll to sheet printing
- Gravure, offset and flexo printing methods



| PROPERTIES | | UNIT | TYPICAL VALUES | | TEST METHOD. |
|-------------------------------------|---------------------------|---------------------|--------------------|-------------|---|
| PHYSICAL | Thickness | Microns | 60 | 70 | ASTM D 374 |
| | | Gauge | 240 | 280 | |
| | Grammage | g/m ² | 37.2 | 43.4 | *GPIM |
| | | lbs/ream | 22.85 | 26.66 | |
| | Yield | m ² /kg | 26.88 | 23.04 | |
| | | in ² /lb | 18,938 | 16,232 | |
| | Density | g/cc | 0.62 | | |
| Coefficient of Friction (Film/Film) | | 0.40 | | ASTM D 1894 | |
| Surface Tension (Treated Side) | dynes/cm | 38 | | ASTM D 2578 | |
| OPTICAL | Opacity | % | 85 | | ASTM D 589-97 |
| | Gloss (45°) | | 95 | | ASTM D 2457 |
| MECHANICAL | Tensile Strength at Break | *MD | kg/mm ² | 8 | ASTM D 882 |
| | | *TD | | 16 | |
| | | MD | psi | 11,376 | |
| | | TD | | 22,752 | |
| | Elongation at Break | MD | % | 135 | ASTM D 882 |
| | | TD | | 40 | |
| THERMAL | Thermal Shrinkage | MD | % | < 4.0 | GPIM (120° C (248°F), 5 min, air) |
| | | TD | | < 2.0 | |

* GPIM – Gulf Pack Internal Method

*MD – Machine Direction

*TD – Transverse Direction

Gulf Pack LI300 films comply with EU Regulation 10/2011/EC and USA FDA Code of Federal Regulations CFR21 section 177.1520 (c) 1.1 and are suitable for use in packaging, carrying and transporting foodstuffs.

The information contained in this technical leaflet illustrates typical values only and are to the best of our knowledge. Since the conditions under which our films may be used are beyond our control, such values are declared without warranty or guarantee.

Bi-axially oriented polypropylene films age with time and will exhibit deterioration of some properties if not stored in a suitable environment at a temperature 30°C or below. We strongly advise our customers to use recommended storage conditions and consume products before 6 months from date of production in our plant.

Gulf Pack LI300 surface treatment indication is on both sides (B).

Detailed advice regarding other specific applications of **Gulf Pack LI300** and other films in the Gulf Pack range is available upon request.