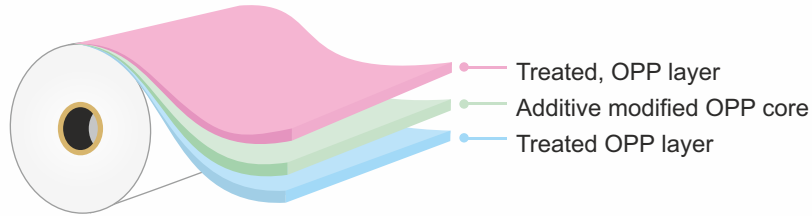


# Wet Lamination Film BOPP Gloss

## PCT-2 (P/L)

### Structure



### Description

It is a co-extruded, plain and both sides treated, Bi-axially Oriented Polypropylene film.

### Features

- Low static charge
- Excellent machinability
- Good gloss and transparency
- Low haze

### Applications

- High gloss lamination with printed and un-printed paper and paperboard
- For carton lamination

### Typical Values

| Properties                          | Ref. | Units               | ASTM#/Test Method | PCT-2 (P/L) |       |       |       |
|-------------------------------------|------|---------------------|-------------------|-------------|-------|-------|-------|
| <b>Physical Data</b>                |      |                     |                   |             |       |       |       |
| Average Thickness                   |      | micron              | D-374-C           | 9           | 10    | 12    | 15    |
|                                     |      | gauge               |                   | 36.0        | 40.0  | 48    | 60.0  |
|                                     |      | mils                |                   | 0.4         | 0.4   | 0.5   | 0.6   |
| Thickness Variation                 |      | % (±)               |                   | 3           |       |       |       |
| Density                             |      | g/cc                |                   | 0.905       |       |       |       |
| Average Substance                   |      | g/m <sup>2</sup>    |                   | 8.14        | 9.0   | 10.86 | 13.57 |
| Wettability (min.)                  |      | dynes/cm            | D-2578            | 38          |       |       |       |
| Kinetic COF                         | F-F  |                     | D-1894            | 0.25 - 0.40 |       |       |       |
| Yield                               |      | m <sup>2</sup> /Kg  | D-4321            | 122.8       | 111.1 | 92.0  | 73.7  |
|                                     |      | in <sup>2</sup> /lb |                   | 86337       | 78111 | 64682 | 51816 |
| <b>Optical Data</b>                 |      |                     |                   |             |       |       |       |
| Gloss (45°)                         |      | gardner             | D-2457            | >93         |       |       |       |
| Haze                                |      | %                   | D-1003            | 1.2 - 2.0   |       |       |       |
| <b>Mechanical Data</b>              |      |                     |                   |             |       |       |       |
| Tensile Strength                    | MD   | kg/ cm <sup>2</sup> | D-882             | 1100-1500   |       |       |       |
|                                     | TD   |                     |                   | 2400-2800   |       |       |       |
| Elongation                          | MD   | %                   | D-882             | 130 - 180   |       |       |       |
|                                     | TD   |                     |                   | 30 - 80     |       |       |       |
| <b>Thermal Data</b>                 |      |                     |                   |             |       |       |       |
| Shrinkage<br>(120 °C/248°F, 5 min.) | MD   | %                   | D-1204            | 3.0 - 5.0   |       |       |       |
|                                     | TD   |                     |                   | 1.0 - 3.0   |       |       |       |

CTM : Cosmo Test Method    MD : Machine Direction    TD : Transverse Direction

Disclaimer : The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.