

# CPP615 (Developmental Grade)



One side heat sealable and other side treated, solid white non-oriented polypropylene film.

## Properties

- High protection against light for food packaging
- No need of white ink due to whiteness of the film
- Good resistance to tearing and perforation

## Applications

Designed for general lamination purpose food packaging.

| PROPERTIES               | TEST CONDITIONS              | UNITS                    | TYPICAL VALUES    |               |           |           |           |             |      |
|--------------------------|------------------------------|--------------------------|-------------------|---------------|-----------|-----------|-----------|-------------|------|
| THICKNESS                | .....                        | $\mu$                    | 20                | 30            | 35        | 40        | 50        | 70          | 90   |
|                          |                              | Gauge                    | 80                | 120           | 140       | 160       | 200       | 280         | 360  |
| THICKNESS TOLERANCE      | .....                        | %                        | 5                 |               |           |           |           |             |      |
| UNIT WEIGHT              | ASTM D 2673                  | g / m <sup>2</sup>       | 18.4              | 27.6          | 32.2      | 36.8      | 46.0      | 64.4        | 82.8 |
| YIELD                    | ASTM D 2673                  | m <sup>2</sup> / kg      | 54.3              | 36.2          | 31.0      | 27.2      | 21.7      | 15.5        | 12.1 |
| HAZE                     | ASTM D 1003                  | %                        | .....             |               |           |           |           |             |      |
| GLOSS                    | ASTM D 2457                  | %                        | 50 $\pm$ 5        |               |           |           |           |             |      |
| OPTICAL DENSITY          | MACBETH                      | .....                    | 0.30-0.32         | 0.32-0.35     | 0.35-0.38 | 0.38-0.40 | 0.42-0.46 | > 0.46      |      |
| COEFFICIENT OF FRICTION* | ASTM D 1894                  | B/B*                     | .....             | < 0.25        |           |           |           |             |      |
|                          |                              | B/M*                     |                   | < 0.25        |           |           |           |             |      |
| TENSILE STRENGTH         | ASTM D 882                   | MD                       | N/mm <sup>2</sup> | 70 $\pm$ 20   |           |           |           | 90 $\pm$ 20 |      |
|                          |                              | TD                       |                   | 25 $\pm$ 5    |           |           |           | 45 $\pm$ 5  |      |
| ELONGATION AT BREAK      | ASTM D 882                   | MD                       | %                 | 500 $\pm$ 100 |           |           |           |             |      |
|                          |                              | TD                       |                   | 500 $\pm$ 100 |           |           |           |             |      |
| HEAT SEAL TEMPERATURE    | 3 Bar / 0.5 Sec              | °C                       | 115 - 145         |               |           |           |           |             |      |
| WVTR                     | ASTM F 1249<br>38°C / 90% RH | g / m <sup>2</sup> / day | .....             |               |           |           |           |             |      |
| TREATMENT LEVEL          | ASTM D 2578                  | dyne / cm                | > 36              |               |           |           |           |             |      |
| HEAT SHRINKAGE           | 130°C / 7 mln                | MD                       | %                 | 0 $\pm$ 2.5   |           |           |           |             |      |
|                          |                              | TD                       |                   | 0 $\pm$ 2.5   |           |           |           |             |      |

\*B : Back side

\*All COF values are dynamic results

\*M : Metal

The above information is the result of laboratory test which are applied on samples from standart production. Since the varying conditions under which our products used are beyond our control, all of the above results are without guarantee and warranty.

POLİBAK Plastik Film San. ve Tic.A.Ş. AOSB Izmir-TURKIYE

Phone : +90 232 3767970 Fax : +90 232 3767730

E-Mail : polibak@polibak.com.tr www.polibak.com.tr

Reference No : 2025/07/05