



**BOPP PLAIN  
PHOTO  
ALBUM**

Special formulated for photo album application.  
Excellent clarity good dimensional stability flatness  
and strength. Available for one side, both sides  
and non surface treatment.

**PRODUCT CODE  
NO. OP - 125 R1**

**TECHNICAL DATA**

| TYPICAL PROPERTIES               | UNIT                         |    | TEST METHODS | TYPICAL VALUE |         |         |         |
|----------------------------------|------------------------------|----|--------------|---------------|---------|---------|---------|
| THICKNESS                        | micron                       |    | Micrometer   | 30            | 40      | 50      | 60      |
| YIELD                            | m <sup>2</sup> /kg (min.)    |    | -            | 37.04         | 27.78   | 22.22   | 18.52   |
| DENSITY                          | g/cm <sup>3</sup>            |    | ASTM D-1505  | 0.90          | 0.90    | 0.90    | 0.90    |
| AVERAGE THICKNESS VARIATION      | % (max.)                     |    | ASTM E-252   | ± 3           | ± 3     | ± 3     | ± 3     |
| TENSILE STRENGTH                 | kg/mm <sup>2</sup><br>(min.) | MD | ASTM         | 13            | 13      | 13      | 13      |
|                                  |                              | TD | D-882        | 24            | 24      | 24      | 24      |
| ELONGATION AT BREAK              | %<br>(max.)                  | MD | ASTM         | 170           | 170     | 170     | 170     |
|                                  |                              | TD | D-882        | 70            | 70      | 70      | 70      |
| THERMAL SHRINKAGE (120°c 15min.) | %<br>(max.)                  | MD | ASTM         | 4.0           | 4.0     | 4.0     | 4.0     |
|                                  |                              | TD | D-1204       | 2.0           | 2.0     | 2.0     | 2.0     |
| STATIC C.O.F.                    | film/film                    |    | ASTM D-1894  | 0.4-0.6       | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 |
| HAZE                             | % (max.)                     |    | ASTM D-1003  | 2.0           | 2.0     | 2.0     | 2.0     |
| GLOSS (angle 45°)                | % (min.)                     |    | ASTM D-2457  | 85            | 85      | 85      | 85      |
| WETTING TENSION                  | Dyne/cm (min).               |    | ASTM D-2578  | 38            | 38      | 38      | 38      |

**DESCRIPTION OF SUPPLY**

|                        |   |
|------------------------|---|
| <b>PAPER CORE I.D.</b> | 77 mm (3 in.) 153 mm (6 in.)                          |
| <b>ROLL O.D.</b>       | max. 800 mm   |
| <b>WIDTH RANGE</b>     | 100 mm - 1,500 mm. (other width on request)           |
| <b>LENGTH RANGE</b>    | STANDARD 4,000 m., 6,000 m. (other length on request) |
| <b>JOINT</b>           | maximum 10% per order                                 |

**Food approval: complied with FDA & EU regulations (on request)**

**Storage condition: should be keep at ambient temperature ~ 30°C and not over 40°C and keep in dry storage.**

**FURTHER TECHNICAL INFORMATION ON REQUEST**

**The above standard film properties are subjected to change and periodical modification without prior notice, please re-check for the most update version with our Sales & Marketing Department.**