



B - 02

**BOPP PLAIN
ADHESIVE
TAPE**

Special formulated for adhesive tape application. Excellent bonding strength to glue coating , good dimensional stability and high tensile strength.

PRODUCT CODE
NO. OP - 130 R1

TECHNICAL DATA

| TYPICAL PROPERTIES | UNIT | TEST METHODS | TYPICAL VALUE | | | | | | | |
|----------------------------------|------------------------------|--------------|---------------|---------|---------|---------|---------|---------|---------|-----|
| | | | 17 | 18 | 22 | 23 | 25 | 28 | 30 | |
| THICKNESS | micron | Micrometer | 17 | 18 | 22 | 23 | 25 | 28 | 30 | |
| YIELD | m ² /kg (min.) | - | 65.36 | 61.73 | 50.51 | 48.31 | 44.44 | 39.68 | 37.04 | |
| DENSITY | g/cm ³ | ASTM D-1505 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | |
| AVERAGE THICKNESS VARIATION | % (max.) | ASTM E-252 | ± 3 | ± 3 | ± 3 | ± 3 | ± 3 | ± 3 | ± 3 | |
| TENSILE STRENGTH | kg/mm ² (min.) | MD | ASTM | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| | | TD | D-882 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| ELONGATION AT BREAK | % (max.) | MD | ASTM | 170 | 170 | 170 | 170 | 170 | 170 | 170 |
| | | TD | D-882 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| THERMAL SHRINKAGE (120°c 15min.) | % (max.) | MD | ASTM D-1204 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| | | TD | | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| C.O.F. | film/film | ASTM D-1894 | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 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 | 2.0 | 2.0 | 2.0 | |
| GLOSS (angle 45°) | % (min.) | ASTM D-2457 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | |
| WETTING TENSION | Dyne/cm (min.) | ASTM D-2578 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | |

DESCRIPTION OF SUPPLY

| | |
|-----------------|---|
| PAPER CORE I.D. | 77 mm (3 in.) 153 mm (6 in.) |
| ROLL O.D. | max. 800 mm |
| WIDTH RANGE | 100 mm – 2,000 mm. (other width on request) |
| LENGTH RANGE | STANDARD 4,000 m., 6,000 m., 8,000 m. (other length on request) |
| JOINT | 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.

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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.



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|----------------------------------|---------------------------|----|--------------|---------------|-----------|-----------|-----------|
| THICKNESS | micron | | Micrometer | 40 | 50 | 60 | 70 |
| YIELD | m ² /kg (min.) | | - | 27.78 | 22.22 | 18.52 | 15.87 |
| DENSITY | g/cm ³ | | 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 ² (min.) | MD | ASTM D-882 | 13 | 13 | 13 | 13 |
| | | TD | | 24 | 24 | 24 | 24 |
| ELONGATION AT BREAK | % (max.) | MD | ASTM D-882 | 170 | 170 | 170 | 170 |
| | | TD | | 70 | 70 | 70 | 70 |
| THERMAL SHRINKAGE (120°C 15min.) | % (max.) | MD | ASTM D-1204 | 4.0 | 4.0 | 4.0 | 4.0 |
| | | TD | | 2.0 | 2.0 | 2.0 | 2.0 |
| 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 |

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