

HSCT1-F THICK GAUGE BOPP FILM

DESCRIPTION

HSCT1-F is a co-extruded, biaxially oriented polypropylene film that is heat sealable on both sides. It has a wide heat seal range, good hot tack properties with low haze and medium gloss. It is also available in 60, 70, 80, and 90 gauges.

CHARACTERISTICS

- Broad heat seal range
- Good hot tack properties
- Low haze, medium gloss
- Good moisture barrier
- Treated on one side for print adhesion

FDA STATUS

Manufactured with materials compliant with FDA regulations

COMPLIANCE

Please visit transcendia.com/compliance for more compliance information.

TECHNICAL DATA

| PROPERTIES | UNIT OF MEASURE | TYPICAL VALUES | | | | | TEST METHOD |
|------------------------|----------------------------|----------------|--------|--------|---------------|--------|----------------|
| | | 100 | 120 | 140 | 160 | 200 | |
| Thickness | Gauge | | | | | | - |
| Yield | in ² /lb. | 31,000 | 25,700 | 22,200 | 19,437 | 15,500 | - |
| Tensile Strength MD | psi | 17,000-23,200 | | | 17,000-34,000 | | ASTM D882 |
| Tensile Strength TD | psi | 30,000-43,500 | | | 30,000-38,000 | | ASTM D882 |
| Elongation at Break MD | % | 160-190 | | | 140-190 | | ASTM D882 |
| Elongation at Break TD | % | 50-70 | | | | 30-70 | ASTM D882 |
| Haze | % | 2-3 | | | | 2-3.5 | ASTM D1003 |
| CoF, A/B (Kinetic) | Film to film | 0.25-0.3 | | | | | ASTM D1894 |
| Surface Tension | Dyne | 38 | | | | | ASTM D2578 |
| Shrinkage MD | % | <5.0 | | | | | 266°F x 5 min. |
| Shrinkage TD | % | <3.0 | | | | | 266°F x 5 min. |
| Seal Range Treated | °F | 222-300 | | | | | - |
| Seal Range Non-Treated | °F | 220-300 | | | | | - |
| Gloss 45° | % | >85 | | | | | ASTM D2457 |
| WVTR | g/100in ² /day | 0.35-0.40 | | | | | ASTM F1249 |
| OTR | cc/100in ² /day | 110-120 | | | | | ASTM D3985 |

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