

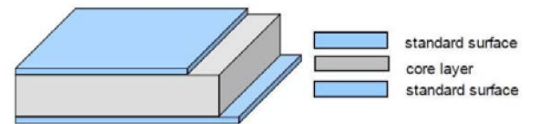
TRANSPET™ C1LS-F

DESCRIPTION:

TransPet C1LS-F is a transparent grade polyester film that has been specially designed for stringent applications like Stamping, Foil, Metallic Yarn, Transfer Metallising and Tension Coating operations. This film has excellent dimensional stability at higher operating temperature.

CHARACTERISTICS:

- Enhanced wettability to inks, primers, adhesives and coatings
- Available in special grades suitable for metallizing
- High levels of strength, temperature resistance, and flavor and odor barrier



FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

| PROPERTIES | TEST METHOD | UNIT OF MEASURE | 12 (48) MICRON (GAUGE) | 15(60) MICRON (GAUGE) | 19 (76) MICRON (GAUGE) | 23(92) MICRON (GAUGE) | 25 (100) MICRON (GAUGE) | 30 (120) MICRON (GAUGE) |
|--|-------------|-----------------|------------------------|-----------------------|------------------------|-----------------------|-------------------------|-------------------------|
| Thickness | ASTM D-882 | Micron | 12 | 15 | 19 | 23 | 25 | 30 |
| | | Gauge | 48 | 60 | 76 | 92 | 100 | 120 |
| Yield | ASTM D-882 | m2/kg | 59.6 | 47.6 | 37.6 | 31.1 | 28.6 | 23.8 |
| | | in2/lb | 42000 | 33500 | 26500 | 21900 | 20100 | 16800 |
| Tensile Strength MD | ASTM D-882 | kg/cm2 | 2300 | 2200 | 2200 | 2100 | 2100 | 2000 |
| | | kpsi | 32.9 | 31.5 | 31.5 | 30 | 30 | 28.6 |
| Tensile Strength TD | ASTM D-882 | kg/cm2 | 2200 | 2200 | 2200 | 2200 | 2200 | 2100 |
| | | kpsi | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 30 |
| Elongation at Break MD | ASTM D-882 | % | 125 | 135 | 135 | 140 | 140 | 145 |
| Elongation at Break TD | | % | 130 | 130 | 140 | 135 | 135 | 140 |
| Heat Shrinkage MD (at 190 DEG. C° for 5 MIN) | ASTM D-1204 | % | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| Heat Shrinkage TD (at 190 DEG. C° for 5 MIN) | ASTM D-1204 | % | 0 | 0 | 0 | 0 | 0 | 0 |
| Co-efficient of Friction Static | ASTM D 1894 | - | 0.48 | 0.44 | 0.42 | 0.42 | 0.42 | 0.42 |
| Co-efficient of Friction Dynamic | ASTM D 1894 | - | 0.38 | 0.34 | 0.32 | 0.32 | 0.32 | 0.32 |

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|--------------------|-------------|---------|-----|-----|-----|----|----|-----|
| Plain Side | ASTM D 2578 | Dyne/cm | 42 | 42 | 42 | 42 | 42 | 42 |
| Haze | ASTM D-1003 | % | 2.5 | 2.8 | 2.8 | 3 | 3 | 3.5 |
| Light Transmission | ASTM D-1003 | % | 88 | 88 | 88 | 88 | 88 | 88 |

All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

Revision Date: 01/30/2018

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