

Rayoface™ C Data

Clear, High Gloss, Biaxially Oriented Polypropylene Film for Facestock Applications

FEATURES

- Corona treated print surface
- No migratory additives
- Excellent clarity for ‘no-label look’
- Excellent hot/cold moisture resistance
- Recyclable with polyolefin materials
- Semi-squeeze performance
- High stiffness for conversion and automatic dispensing
- Balanced biaxial orientation for superior even die cutting
- High gloss surface

PRINTABILITY

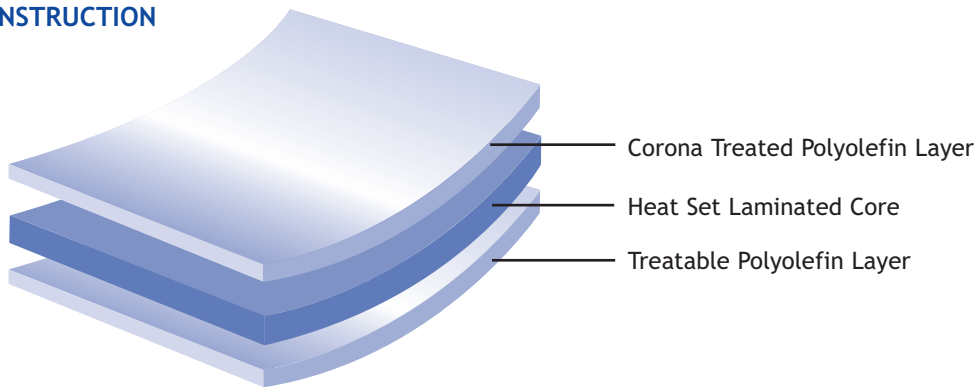
Rayoface C can be printed by traditional flexographic and gravure processes. However, exact ink systems should be recommended by your supplier. Additional in-line corona treatment is recommended for optimum performance.

CONVERSION

The balanced biaxial orientation of Rayoface C results in excellent die cutting performance, enhancing label edge appearance and prolonging die life.

The high machine direction stiffness and tensile strength produces excellent matrix stripping and superior high speed label dispensing.

CONSTRUCTION



STANDARD ROLL SPECIFICATIONS

| Film | Core Size / (in) | Approx Outside Dia / (in) | Length / (feet) |
|------|------------------|---------------------------|-----------------|
| C160 | 6 | 32.7 | 40350 |
| C200 | 6 | 31.9 | 31500 |
| C230 | 6 | 34.3 | 31500 |

Alternative roll lengths/core sizes are available subject to negotiation.
Corona treatment is available on either the inner or outer surface of Rayoface C.

Rayoface™ C _____ Data

Technical Properties (Typical Values)

Physical Data

| Property | Test Method | Test Conditions | Units | C | | |
|-------------------|--------------------|-----------------|---|---------------|---------------|---------------|
| Thickness | Innovia Films test | | gauge | 160 | 200 | 230 |
| Yield | Innovia Films test | | in ² /lb g/m ² | 19300 36.4 | 15450 45.5 | 13300 52.9 |
| Optical: Gloss | ASTM D 2457 | 45° | % | 85 | | |
| Haze (wide angle) | ASTM D 1003 | 2.5° | | <2.0 | | |

Mechanical Data

| | | | | | |
|-----------------------------------|------------|---------------------|------|----------|--------------|
| Tensile strength | ASTM D 882 | Strain rate 50%/min | kpsi | MD TD | 29.0 26.0 |
| Elongation at break | ASTM D 882 | Strain rate 50%/min | % | MD TD | 105 120 |
| Elasticity modulus (1% secant) | ASTM D 882 | Strain rate 10%/min | kpsi | MD TD | 345 319 |

Thermal Data

| | | | | | |
|-----------------------|--------------------|-------------------|---|----------|----------|
| Dimensional stability | Innovia Films test | 60 secs at 248° F | % | MD TD | 3.0 |
| | | 60 secs at 266° F | | | MD TD |

All properties are tested under standard laboratory conditions: 73 ±4° F; 50 ±5% RH, unless otherwise stated.
 MD Machine direction TD Transverse direction

Film Storage

For the storage of Rayoface C it is recommended that dry conditions at temperatures below 86° F are employed to minimize any deterioration of surface discharge treatment level.

Rayoface C is suitable for use for 6 months from the date of delivery and stocks should be used in rotation. Films should be allowed to reach operating room temperatures for 24 hours before use.

Please refer to literature reference L110 - 1 of 2.

Food Contact

Rayoface C is suitable for most applications involving direct contact with foodstuffs. For specific inquiries, please refer to literature reference L110 - 2 of 2, or contact our Technical Services Department.

Health and Safety Guidelines

For Health and Safety information, please refer to literature reference L190.



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