

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

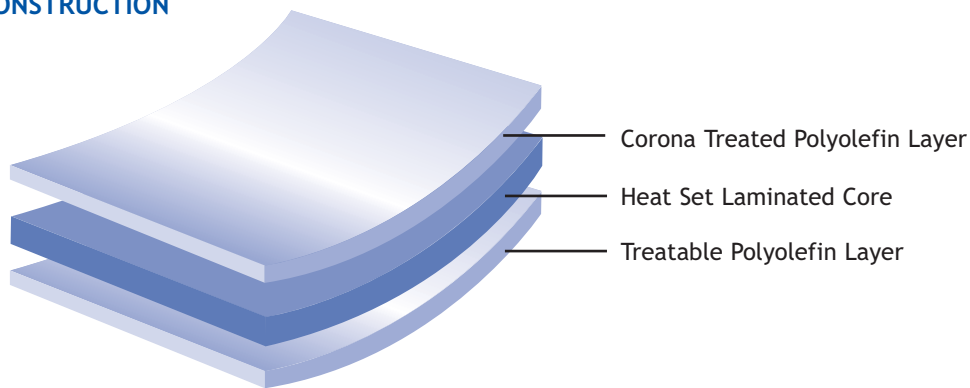
PRINTABILITY

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 REEL SPECIFICATIONS

Film	Core Size / (mm)	Approx Outside Dia / (mm)	Length / (metres)
C50	153	810	9600
C58	153	870	9600

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

Rayface™ C _____ Data

Technical Properties (Typical Values)

Physical Data

Property	Test Method	Test Conditions	Units	C	
Thickness	Innovia Films test		micron	50	58
Yield	Innovia Films test		m ² /kg g/m ²	22.0 45.5	18.9 52.9
Optical: Gloss	ASTM D 2457	45°	%	85	
Haze (wide angle)	ASTM D 1003	2.5°		<2	

Mechanical Data

Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m ²	MD TD	200 180
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	MN/m ²	MD TD	2400 2200

Thermal Data

Dimensional stability	Innovia Films test	60 secs at 120°C	%	MD TD	3.0 Nil
		60 secs at 130°C		MD TD	6.0 1.0

All properties are tested under standard laboratory conditions: 23 ±2°C; 50 ±5% RH, unless otherwise stated.
 MD Machine direction TD Transverse direction

Film Storage and Handling

For the storage of Rayface C it is recommended that dry conditions at temperatures below 30°C are employed to minimise any deterioration of surface discharge treatment level.

Rayface 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

Rayface C is suitable for most applications involving direct contact with foodstuffs. For specific enquiries, please refer to literature reference L110 - 2 of 2.

Health and Safety Guidelines

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



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