

# Rayoface™ CA Data

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

## FEATURES

- Dedicated print receptive top coating for excellent printability
- 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

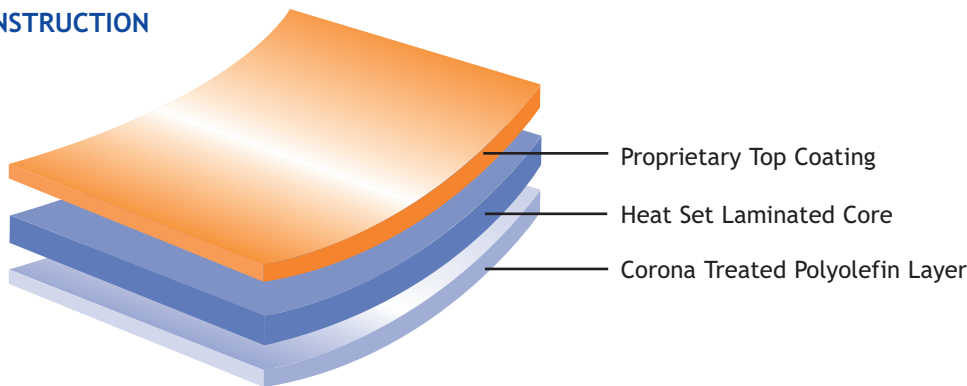
## PRINTABILITY

Rayoface CA has a proprietary aqueous-based top coating to give superior printability. Excellent for demanding applications where the label could be exposed to moisture and a range of temperatures. It can be printed by flexographic, gravure, silkscreen and letterpress processes using a wide variety of different inks. However, exact ink systems should be recommended by your supplier.

## CONVERSION

The balanced biaxial orientation of Rayoface CA 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)
CA200	6	31.7	30500

Alternative roll lengths/core sizes are available subject to negotiation.  
The top coating is available on either the inner or outer surface of Rayoface CA.  
The uncoated surface is corona discharge treated.

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## Technical Properties (Typical Values)

### Physical Data

Property	Test Method	Test Conditions	Units	CA
Thickness	Innovia Films test		gauge	200
Yield	Innovia Films test		in <sup>2</sup> /lb g/m <sup>2</sup>	15100 46.5
Optical: Gloss Haze (wide angle)	ASTM D 2457	45°	%	90
	ASTM D 1003	2.5°		<3.0

### 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	348 319

### 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 and Handling

Care should be taken to protect rolls of film from storage temperatures above 86°F and localized sources of heat above 113°F.

Rolls of Rayoface CA should be protected from high levels of moisture and accidental water splashes at all times. The rolls should remain in the protective coverings supplied until ready for use on converting machinery.

Converted rolls, in both master and slit roll form should be similarly protected at all times.

Rayoface CA 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 CA is not suitable for 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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