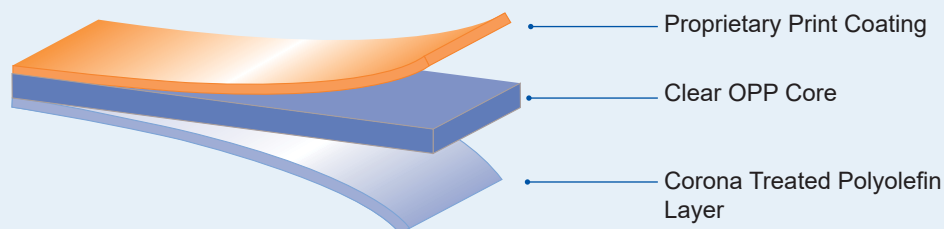


Rayoface™ CA

Technical Data Sheet

CA - 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 die cutting
- High gloss surface

Printability

Rayoface™ CA has a proprietary aqueous 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.



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	CA	
Thickness	Innovia Films test		micron	51	59
			gauge	200	230
Yield	Innovia Films test		m ² /kg	21.5	18.6
			in ² /lb	15100	13100
			g/m ²	46.5	53.8
Optical: Gloss Haze (wide angle)	Innovia Films test	45° 2.5°	%	90	
				<3.0	
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m ²	MD	200
				TD	180
			kpsi	MD	29.0
				TD	26.1
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD	105
				TD	120
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m ²	MD	2400
				TD	2200
			kpsi	MD	348
				TD	319
Dimensional stability	Innovia Films test	60 secs at 120°C (248°F)	%	MD	3.0
				TD	Nil
		60 secs at 130°C (266°F)		MD	6.0
				TD	1.0

MD Machine Direction TD Transverse Direction

All properties are tested under standard laboratory conditions: 23 ± 2°C, 50 ± 5% RH, (73 ± 4F, 50 ± 5% RH), unless otherwise stated. Where relevant, tests are based on international testing standards.

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use our imagination...

Rayoface™ CA

Technical Data Sheet

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.

Reel Specifications

Nominal Reel Diameters

Film	Core Size/(mm)	Approx Outside Dia/(mm)	Length/(metres)
CA51	153	812	9300
CA59	153	871	9300
		997	12300

Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
CA200	6	31.9	30500
CA230	6	34.2	30500

Alternative reel lengths/core sizes are available subject to negotiation.

The print coating is available on either the inner or outer surface of Rayoface™ CA.

Film Storage and Handling

Care should be taken to protect reels of film from storage temperatures above 30°C (86°F) and localised sources of heat above 45°C (115°F). The reels of Rayoface™ CA should be protected from high levels of moisture and accidental water splashes at all time. The reels should remain in the protective coverings supplied until ready for use on converting machinery. Converted reels, in both master and slit reel 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.

Food Contact

Rayoface™ CA does not comply with either EU or US legislation for direct contact with food. For specific enquires please contact our Technical Services Department.

Health & Safety Guidelines

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

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