

Rayoface™ CZPA

Data

Top Coated Clear, High Gloss Biaxially Oriented Polypropylene Film with Enhanced Squeeze-ability for Facestock Applications

FEATURES

- Enhanced squeeze performance
- Dedicated superior print receptive top coating for excellent printability
- Excellent clarity for ‘no-label look’
- Excellent hot/cold moisture resistance
- Recyclable with polyolefin materials
- Balanced biaxial orientation for superior even die cutting
- High gloss surface

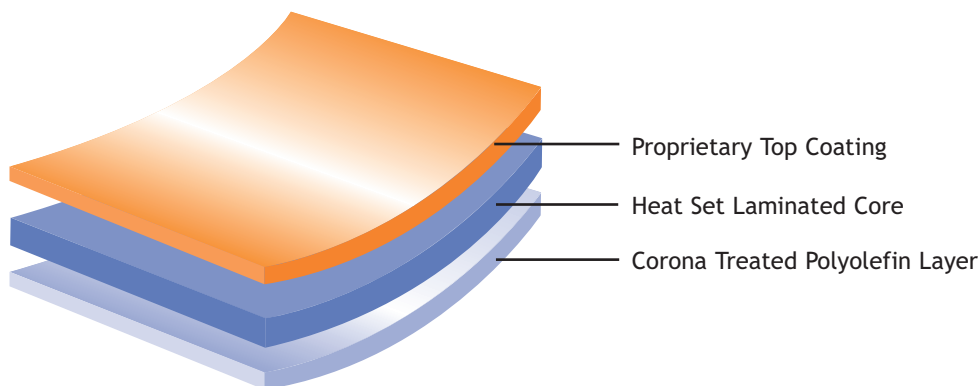
PRINTABILITY

Rayoface CZPA has a proprietary top coating which gives outstanding printing performance across a wide variety of printing processes including flexography, letterpress, offset, silkscreen, gravure and hot or cold foiling processes. It is highly compatible with UV, water-based and solvent-based inks, excellent for demanding applications where the label can be exposed to moisture and a range of temperatures. However, exact ink and foil systems should be recommended by your supplier.

CONVERSION

The balanced biaxial orientation of Rayoface CZPA results in excellent die cutting performance, enhancing label edge appearance and prolonging die life. The high machine direction 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)
CZPA220	6	31.8	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 CZPA. The uncoated surface is corona discharge treated.

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Technical Properties (Typical Values)

Physical Data

Property	Test Method	Test Conditions	Units	CZPA
Thickness	Innovia Films test		gauge	220
Yield	Innovia Films test		in ² /lb g/m ²	13800 51.0
Optical: Gloss Haze (wide angle)	ASTM D 2457	45°	%	85
	ASTM D 1003	2.5°		<3.0

Mechanical Data

Tensile strength	ASTM D 882	Strain rate 50%/min	kpsi	MD TD	23.9 21.7
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD TD	90 120
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	kpsi	MD TD	72.5 36.3

Thermal Data

Dimensional stability	Innovia Films test	60 secs at 212° F	%	MD TD	5.0 -1.0
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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.

The rolls should remain in the protected 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 CZPA 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 CZPA 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.



www.innoviafilms.com
 email: labelsamericas@innoviafilms.com
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Sales Offices

Americas (USA) Tel +1 877 822 3456
 Europe (UK) Tel +44 (0)16973 42281
 Asia-Pacific (Aus) Tel +61 3 9303 0600

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