

# Rayoface™ CZ

Data

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

## FEATURES

- Enhanced squeeze performance
- Corona treated print surface
- Excellent clarity for 'no-label look'
- Excellent hot/cold moisture resistance
- Recyclable with polyolefin materials
- Balanced biaxial orientation for superior die cutting
- High gloss surface

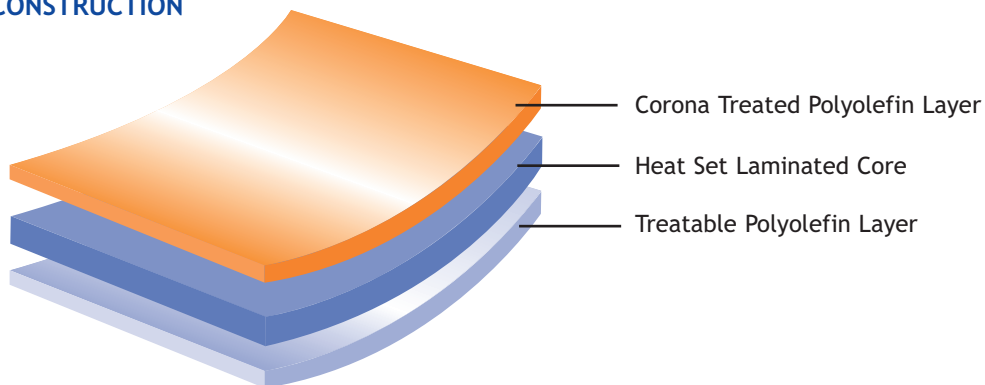
## PRINTABILITY

Rayoface CZ 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 CZ 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)
CZ55	153	850	9600

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

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## Technical Properties (Typical Values)

### Physical Data

Property	Test Method	Test Conditions	Units	CZ
Thickness	Innovia Films test		micron	55
Yield	Innovia Films test		m <sup>2</sup> /kg g/m <sup>2</sup>	20.0 50.0
Optical: Gloss Haze (wide angle)	ASTM D 2457	45°	%	80
	ASTM D 1003	2.5°		<3.5

### Mechanical Data

Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m <sup>2</sup>	MD TD	170 180
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD TD	80 150
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m <sup>2</sup>	MD TD	700 350

### Thermal Data

Dimensional stability	Innovia Films test	60 secs at 100° C	%	MD TD	7.0 5.0
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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

Care should be taken to protect reels of film from storage temperatures above 30° C and localised sources of heat above 45° C.

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 CZ 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 CZ is not suitable for applications involving direct contact with foodstuffs. For specific enquiries, 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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