

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 die cutting
- High gloss surface

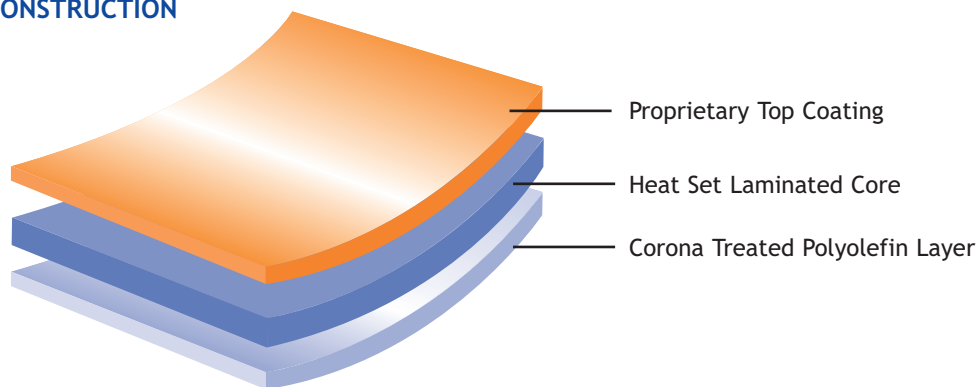
PRINTABILITY

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 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)
CZPA56	153	808	9300

Alternative reel 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.

Rayoface™ CZPA _____ Data

Technical Properties (Typical Values)

Physical Data

Property	Test Method	Test Conditions	Units	CZPA
Thickness	Innovia Films test		micron	56
Yield	Innovia Films test		m ² /kg g/m ²	19.6 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	MN/m ²	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 ²	MD TD	700 350

Thermal Data

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

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

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 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 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.



www.innoviafilms.com
 email: labels@innoviafilms.com
 ™Trademark of Innovia Films Group

Sales Offices

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

Disclaimer: Innovia Films or any of its affiliated companies (hereinafter 'Innovia Films') declines any liability with respect to the use made by any third party of the information contained herein. The information contained herein represents Innovia Films' best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, the accuracy, the completeness or relevance of the data set out herein). Innovia Films is the sole owner or authorised user of the intellectual property rights relating to the information communicated. The information relating to the use of the products is given for information purposes only. No guarantee or warranty is provided that the product is adapted to the client's specific use. The client should perform his own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the client.