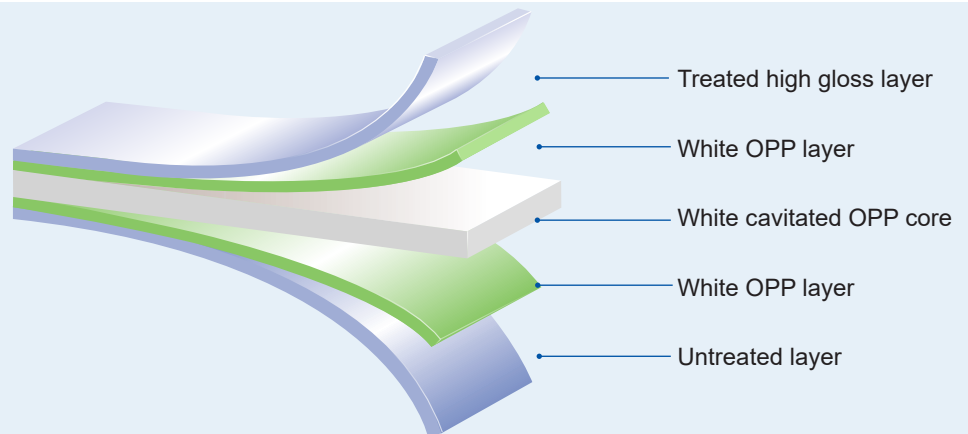


Rayoface™ QB57

Technical Data Sheet

QB57 - High gloss white opaque, one side treated multi-layer cavitated, co-extruded BOPP film for facestock applications.



Features

- Coating receptive surface
- High opacity
- High stiffness for label dispensing
- Excellent web flatness for coating process
- Excellent die cutting performance
- Excellent whiteness

Application

- Face stock for hand-held and automatic label dispensing
- Pressure Sensitive (PS) labels



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	QB	
Thickness	Innovia Films test		micron	57	
Yield	Innovia Films test		m ² /kg	24.2	
Basis Weight	Innovia Films test		g/m ²	41.3	
Opacity	Innovia Films test		%	87	
Whiteness	Innovia Films test		% (Berger)	92	
Surface Energy	ASTM D 2578	Outside	mN/m (dyne)	40	
Tensile Strength	ASTM D 882	Strain rate 50%/min	MN/m ²	MD TD	100 190
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD TD	180 60
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 50%/min	Mpa	MD TD	1500 2700
Thermal Shrinkage	Innovia Films test	60 secs at 130°C	%	MD TD	4.0 2.0

MD Machine Direction TD Transverse Direction

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

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Rayoface™ QB57

Technical Data Sheet

Conversion

Treatment and Winding	Surface Printing
One-side treated	Treatment properties are guaranteed for 6 months only
Treated surface wound to outside of reel	Excellent web flatness permits higher speed printing
Refer to reel tag for specific treatment on roll	Run appropriate trials prior to production
Untreated surface is treatable	Consult your ink, coating and adhesive suppliers

Conversion Note -

During conversion, web temperatures should not exceed a web temperature of (40°C).

Nominal Reel Diameters

Film	Core Size/(mm)	Approx Outside Dia/(mm)	Length/(metres)
QB57	153	995	12300

All reels are wound to length. Actual OD may vary with thickness and winding density variations.

Film Storage and Handling

The films should be placed in the processing area 24 hours prior to processing, to acclimatise. The films are largely unaffected by climatic conditions but should not be stored at temperatures above 104°F (40°C). Under suitable storage conditions, the film can be stored for a period of 6 months without any risk of deterioration.

Food Contact

Rayoface™ QB complies with the applicable EU & US legislation for most applications involving direct contact with foods. Full details are given on the Declaration of Compliance. Customers intending to use Rayoface™ QB in a food contact application should request a copy of this document from Innovia Films. Details of compliance with food contact legislation in non-EU countries are also available upon request.

Health & Safety Guidelines

MSDS sheets, as well as other product safety documents, are available for our films upon request.

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