

Automotive Optical Film Technology & Market Report

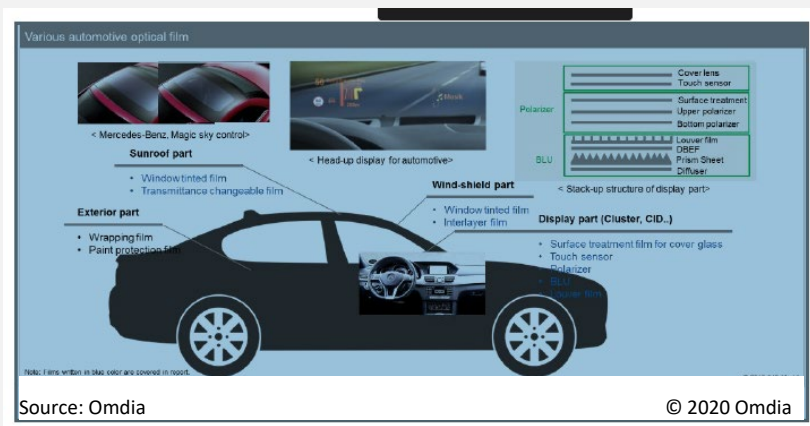
Part of the Display Manufacturing, Technology & Components Service Area Package

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With the increase in ADAS (Advanced driver assistance system), automotive displays are required to improve optical performance in order to display precise images to drivers.

The optical film industry is focusing on how this fast movement in the automotive industry will affect the optical film market, and how film makers can find new business opportunities. This new report covers window films/tint films for car window glass, polarizers of automotive displays, and anti-reflection films for cover lenses in infotainment systems. It also provides each film's market forecast, supplier trend/supply chain status and technology trends.



Report Coverage

KEY ISSUES ADDRESSED	COVERAGE	APPLICABLE TO
<ul style="list-style-type: none"> • What kind of optical films are used for automotive? • How much of the automotive optical films market can grow quickly? • What are the technological requirements in the current optical film industry? • What is the current supply chain for each optical film? 	<p>Frequency, Time Period</p> <ul style="list-style-type: none"> • 7-year forecasts <p>Measures</p> <p>Unit / Revenue / Area</p> <p>Market Share</p> <p>Average Selling Price</p> <p>Regions, Markets</p> <p>Asia Pacific, EMEA, America</p>	<p>Products Covered</p> <ul style="list-style-type: none"> • Window tinted film • Interlayer film • Shatter-proof film • Polarizer/Anti-reflection film • Louver film • BLU <p>Brand manufacturers /OEMs/ODMs for Car</p> <ul style="list-style-type: none"> – Product planning managers – Procurement managers <p>Display panel suppliers</p> <ul style="list-style-type: none"> – Product marketing – Strategic planning managers <p>Film suppliers</p> <p>Competitive technology suppliers</p> <p>Investment community</p> <ul style="list-style-type: none"> – Fund managers / investors / analysts with interest in display companies

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OVERVIEW

Various types of automotive optical films

Automotive market forecast

1. Wind-shield part

1.1. Interlayer film

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- Types of interlayer film
- Wedge type interlayer film for Head-up display
- Interlayer film promises a bright future with increasing Head-up display
- Technical requirements for Head-up display
- Interlayer film market forecast

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- Benefits of using window tinted film for car wind-shield (Overview)
- Window tinting regulation by country
- Basic Requirements of Automotive Window Tinted film
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- PDLC (Polymer dispersed liquid crystal) method
- PNLC (Polymer networking liquid crystal) method

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- Transmittance changeable film market forecast

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 - 3M Environmental Performance
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