

# Quarterly AMOLED Materials and Components Market tracker\_Sample

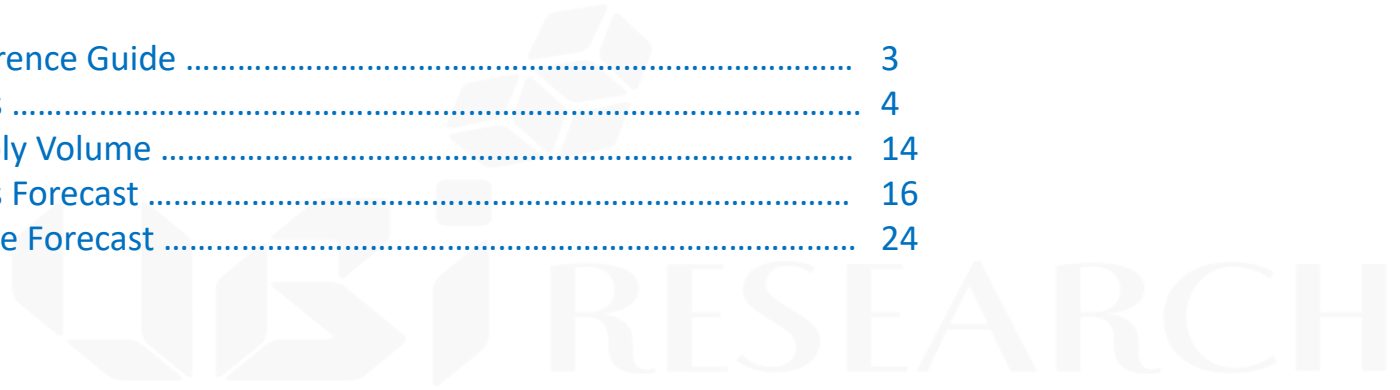
3Q, 2023

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# Reference Guide

## Application Covered

- Smartphone
- TV

## Nation Covered

- Korea
- China

## Purpose Covered

- Cover window: 2D, 3D, CPI, UTG
- Touch: Add-on, On-cell
- Polarizer
- OCA, OCR
- Encapsulation: Glass, Frit glass, TFE, Metal foil
- Substrate: Glass, Carrier glass, Polyimide
- PSPI
- Process Film
- Complex sheet
- Driver IC

## Actual and Forecast

- Quarterly update
- History : 3-year, Forecast : 5-year

## Unit

- Revenue : US\$ millions
- Volume : kg, ea, m<sup>2</sup>

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# Sales Performance

- Total
- By Nation
- By Company
- By Application
- By Substrate Type
- By Material

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## AMOLED Components & Material Market Track

- 3Q23 Data Tables

- > Remarks
- > Average Sales Price of Materials\_Q
- > Sales Performance
  - [PIVOT Quarterly Sales](#)
  - [PIVOT Quarterly Supply Volume](#)
- > Forecast
  - [PIVOT Sales Forecast](#)
  - [PIVOT Usage Forecast](#)
- > [www.ubiresearch.com](http://www.ubiresearch.com)

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### Average Sales Price of Components & Materials

- Contents
- > Average Sales Price of Components & Materials
- \* Market of Key 20 components for OLED
- \* No process cost on colorless polyimide's cost based on 8 inch
- \* Cost of ultra thin glass includes process cost based on 7.6 inch

### > Average Sales Price of Components & Materials

Components & Material		Unit	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	
Substrate	Substrate glass	\$/m <sup>2</sup>																							
	Carrier glass	\$/m <sup>2</sup>																							
	Polyimide	\$/kg																							
TFT	PSPi	\$/kg																							
	Frit glass	\$/kg																							
Encapsulation	Encapsulation glass	\$/m <sup>2</sup>																							
	Thin film encapsulation	\$/kg																							
	Metal Foil & FSA	\$/m <sup>2</sup>																							
Touch sensor	On-cell touch	\$/m <sup>2</sup>																							
	Add-on Touch	\$/ea																							
	Over coat(on-cell touch)	\$/kg																							
Polarizer	Polarizer	\$/ea																							
Adhesive	OCR	\$/kg																							
	OCA	\$/ea																							
Cover window	2D & 3D glass	\$/ea																							
	Colorless Polyimide	\$/ea																							
	Ultra thin glass	\$/ea																							
Module	Driver IC & COF	\$/ea																							
	Complex sheet	\$/m <sup>2</sup>																							
	Process Film	\$/m <sup>2</sup>																							

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Components & Material Market Sales Performance\_Quarterly

- Nation (All)
- Company (All)
- Application (All)
- Substrate type (All)

	US\$ million																						
M&C	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	
2D glass																							
3D glass																							
Add-on Touch																							
Carrier glass																							
Colorless polyimide																							
Complex sheet																							
Driver IC&COF																							
Encapsulation glass																							
Frit glass																							
Metal Foil & FSA																							
OCA																							
OCR																							
On-cell touch																							
Over coat(on-cell touch)																							
Polarizer																							
Polyimide																							
Process Film																							
PSPI																							
Substrate glass																							
Thin film encapsulation																							
Ultra thin glass																							
<b>Grand Total</b>																							





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 Alignment: Wrap Text, Merge & Center  
 Number: General, Percent, Decimals, Thousands Separator  
 Styles: Conditional Formatting, Format as Table, Styles  
 Cells: Insert, Delete, Format  
 Editing: AutoSum, Fill, Clear, Sort & Filter, Find & Select  
 Analysis: Analyze Data  
 Add-ins: Add-ins

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB



Components & Materials Market Sales Forecast

- Nation (All)
- Company (All)
- Application (All)
- Substrate type (All)

		US\$ million				
M&C		2023	2024	2025	2026	2027
2D glass						
3D glass						
Add-on Touch						
Carrier glass						
Colorless polyimide						
Complex sheet						
Driver IC&COF						
Encapsulation glass						
Frit glass						
Metal Foil & FSA						
OCA						
OCR						
On-cell touch						
Over coat(on-cell touch)						
Polarizer						
Polyimide						
Process Film						
PSPI						
Substrate glass						
Thin film encapsulation						
Ultra thin glass						
<b>Grand Total</b>						





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**Daejeong YOON**