

Quarterly OLED Emitting Material Market Tracker Sample

2Q, 2023

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Reference Guide

Application Covered

- Smartphone
- TV

Nation Covered

- Korea
- China

Function Covered

- CGL: n-CGL
- CPL
- Dopant: R, G, B, YG
- ETL: EIL, ETL, aETL
- Host: R, G, B, YG
- HTL: HIL, HTL, P+, RGB Prime

Structure Covered

- RGB OLED
- WRGB OLED
- QD-OLED
- RGB 2stack OLED

Actual and Forecast

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

Unit

- Revenue : US\$ millions
- Volume : ton



Sales

- Total
- By Nation
- By Company
- By Layer
- By OLED Structure
- By Purpose
- By Material

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Conditional Formatting Format as Table

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AutoSum Fill Clear Sort & Filter Find & Select

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AMOLED Emitting Material Market Track

- 2Q23 Data Tables

- > **Remarks**
- > [Average Sales Price of Emitting Materials_Q](#)
- > **Sales**
- > [Sales and Supply Volume of Emitting Material Companies_Q](#)
- > [PIVOT Quarterly Sales](#)
- > [PIVOT Quarterly Supply Volume](#)
- > **Forecast**
- > [PIVOT Sales Forecast](#)
- > [PIVOT Usage Forecast](#)
- > www.ubiresearch.com

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Comments

A1

	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	AC	AD	AE	AF	AG	AH	AI	AJ	AK
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■ Average Sales Price of Emitting Materials

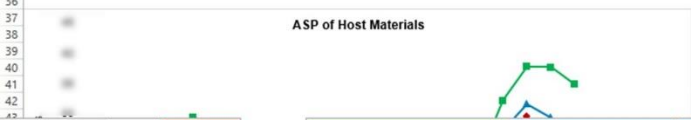
- Contents
- > ASP of Emitting Materials
- > ASP of Host Materials
- > ASP of Dopant Materials
- > ASP of Common Layer Materials

> ASP of Emitting Materials (S/g)

Items	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	
Red Host																						
Red Dopant																						
Green Host																						
Green Dopant																						
Blue Host																						
Blue Dopant																						
ETL																						
EIL																						
ETL																						
HIL																						
HITL																						
HTL																						
R'																						
G'																						
B'																						

> ASP of Host Materials (S/g)

	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	
Red Host																						
Green Host																						
Blue Host																						



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■ Sales and Supply Volume of Emitting Material Companies_Quarterly

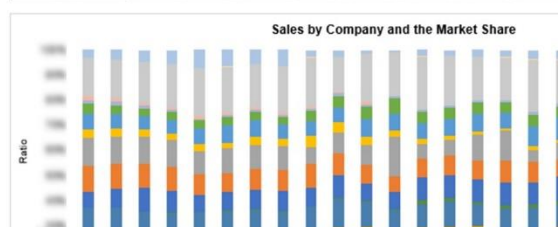
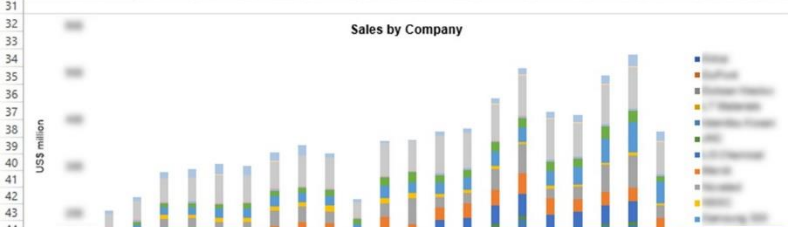
- Contents
- > Sales by Material Company and the Market Share
- > Supply Volume by Material Company and the Market Share

> Sales by Material Company (US\$ million)

Company	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	
Solus																						
DuPont																						
Duksan Neolux																						
LT Materials																						
Idemitsu Kosan																						
JNC																						
LG Chemical																						
Merck																						
Novald																						
NSSC																						
Samsung SDI																						
SFC																						
Toray																						
Tosoh																						
UDC																						
Hodogaya																						
etc																						
Total																						

> Sales by Company and the Market Share

Company	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19
Solus								
DuPont								
Duksan Neolux								
LT Materials								
Idemitsu Kosan								
JNC								
LG Chemical								
Merck								
Novald								
NSSC								
Samsung SDI								
SFC								
Toray								
Tosoh								
UDC								
Hodogaya								
etc								
Total								



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Comments

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■ Emitting Material Supply Volume_Quarterly

- Contents

> Pivot of Quarterly Supply Volume (kg)

Nation (All) Application (All) Layer (All) QLED (All) Material (All)

Company	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	
BOE																						
CSOT																						
Everdisplay																						
LG Display																						
Samsung Displa																						
Tianma																						
Visionox																						
Royole																						
Truly																						
AUO																						
Sony																						
Sharp																						
Japan Display																						
Grand Total																						

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■ Emitting Materials Market Sales Forecast

- Contents

> Pivot of Yearly Sales Forecast (US\$ million)

- 10 Nation (All)
- 11 Layer (All)
- 12 Application (All)
- 13 OLED Method (All)
- 14 Material (All)

		US\$ million				
Company	2023	2024	2025	2026	2027	
BOE	1880	2850	3610	4400	5120	
CSOT	1000	1500	1770	2170	2580	
Everdisplay	700	800	970	1160	1360	
LG Display	2800	4000	4900	5800	6670	
Samsung Displa	2800	3800	4500	5200	5900	
Tianma	700	800	900	1000	1100	
Visionox	1000	1500	1800	2100	2400	
Grand Total	10080	14150	17380	20600	23830	

Main Remarks ASP_Q Material Companies' Perf_Q PIVOT Quarterly Sales PIVOT Quarterly Supply Volume PIVOT Sales Forecast PIVOT Usage Forecast

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■ Emitting Materials Market Sales Forecast

- Contents
 > Pivot of Yearly Usage Forecast (kg)

Nation	(All)
Layer	(All)
Application	(All)
OLED Method	(All)
Material	(All)

	kg				
Company	2023	2024	2025	2026	2027
BOE	2000.0	2000.0	2000.0	2000.0	2000.0
CSOT	2000.0	2000.0	2000.0	2000.0	2000.0
Everdisplay	2000.0	2000.0	2000.0	2000.0	2000.0
LG Display	2000.0	2000.0	2000.0	2000.0	2000.0
Samsung Display	2000.0	2000.0	2000.0	2000.0	2000.0
Tianma	2000.0	2000.0	2000.0	2000.0	2000.0
Visionox	2000.0	2000.0	2000.0	2000.0	2000.0
Grand Total	20000.0	20000.0	20000.0	20000.0	20000.0



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Daejeong YOON