

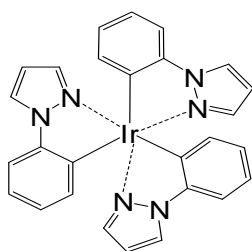
## Electron Blocking Layer Materials (EBL)

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LT-N002

Ir(ppz)<sub>3</sub>

Tris(phenylpyrazole)iridium



Formula : C<sub>27</sub>H<sub>21</sub>N<sub>6</sub>Ir  
Molecular Weight : 621.71 g/mole  
Thermal Gravimetric Analysis : 290°C (0.5% weight loss)  
Absorption : 242, 320nm (in THF)  
Photoluminescence : 423nm (in THF)  
*Reference: 1. Applied Physics Letters, 86, 263502 (2005)  
2. Advanced Materials, Volume 16, (2004)*

## Electron Injection Layer Materials (EIL) / Metal

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LT-E001

LiF

Lithium fluoride

CAS No. : 7789-24-4

Formula : LiF  
Assay : >99.9%  
Melting Point : 848°C  
Boiling Point : 1681°C  
Appearance : Colorless Crystal

LT-E002

Cs<sub>2</sub>CO<sub>3</sub>

Cesium carbonate

CAS No. : 534-17-8

Formula : CCs<sub>2</sub>CO<sub>3</sub>  
Molecular Weight : 325.82 g/mole

LT-E004

CsF

Cesium fluoride

CAS No. : 236-487-3

Formula : MoO<sub>3</sub>  
Molecular Weight : 143.94 g/mole  
Melting Point : 795°C g/mole

LT-E003

MoO<sub>3</sub>

Molybdenum(VI) Oxide

CAS No. : 1313-27-5

Formula : CsF  
Molecular Weight : 143.94 g/mole  
Melting Point : 682°C

LT-E005

Al

Aluminium

CAS No. : 7429-90-5

Formula : Al  
Molecular Weight : 126.98 g/mole  
Melting Point : 660°C