

Practical Lithium Ion Battery Electrolytes with Low Water Content



Lithium Hexafluorophosphate
25g / 100g
[L0146]



Lithium Bis(trifluoromethanesulfonyl)imide
(= LiTFSI)
5g / 25g / 100g
[B2542]



Lithium Bis(fluorosulfonyl)imide
(= LiFSI)
5g / 25g
[L0281]

Advantages

- Water content (<1000ppm) is guaranteed.
- Realize high performance and reproducible lithium ion secondary battery

In lithium-ion secondary batteries, the presence of water has a critical effect on battery degradation. It can be occurred by the hydrofluoric acid derivatives generated by the reaction of water with some fluorine-containing chemicals (additives) in electrolyte. To minimize battery degradation, TCI controls and guarantees the water content (<1000ppm) of some standard solid electrolytes.

Related Products

Lithium (Fluorosulfonyl)(trifluoromethanesulfonyl)imide	1g [L0295]
Lithium Bis(pentafluoroethanesulfonyl)imide	1g / 5g [L0267]
Lithium Bis(nonafluorobutanesulfonyl)imide	1g / 5g [L0307]
Lithium Trifluoromethanesulfonate	25g [T1548]
Lithium Nonafluoro-1-butanesulfonate	25g [N0710]
Lithium Phosphorodifluoridate	5g / 25g [L0375]
Lithium Tetrafluoroborate	25g [L0133]
Lithium Carbonate	25g / 500g [L0224]
Lithium Tricyanomethanide - Acetonitrile Complex	1g / 5g [L0308]
Lithium Sulfate	100g / 500g [L0371]
Lithium Tetraborate	25g / 500g [L0387]
Lithium Niobate	5g / 25g [L0376]
Lithium Chloride Anhydrous	25g / 300g [L0204]

For further information please refer to our website at www.TCIchemicals.com.  

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