

High-Performance Electrolyte Materials

Organosilicon Electrolyte Additives

Unique family of high-performance organosilicon additives

OS3® provides high-performance in Si-anodes and Li-Metal & LiPF₆ stability

OS5® for high-nickel cathodes

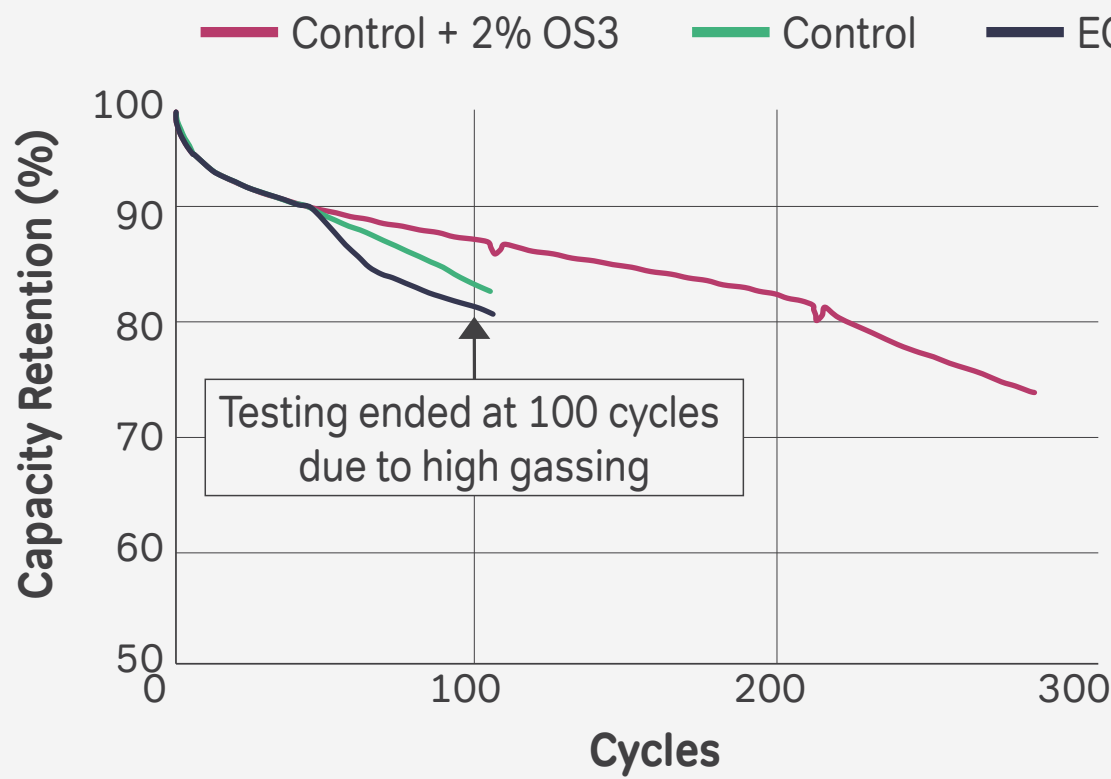
OS6 Anode SEI additive



OS3® Structure

OS3® Improves High Temperature Cycling and Reduces Gas Generation in Si-anode Cell

60°C Cycling Stability of Gr/SiOx Pouch Cells



Control Electrolyte:

1M LiPF₆ in EC/DEC: 3/7v

4.0v% FEC

2.4v% PS

1.2v% VC



OS3®



Control

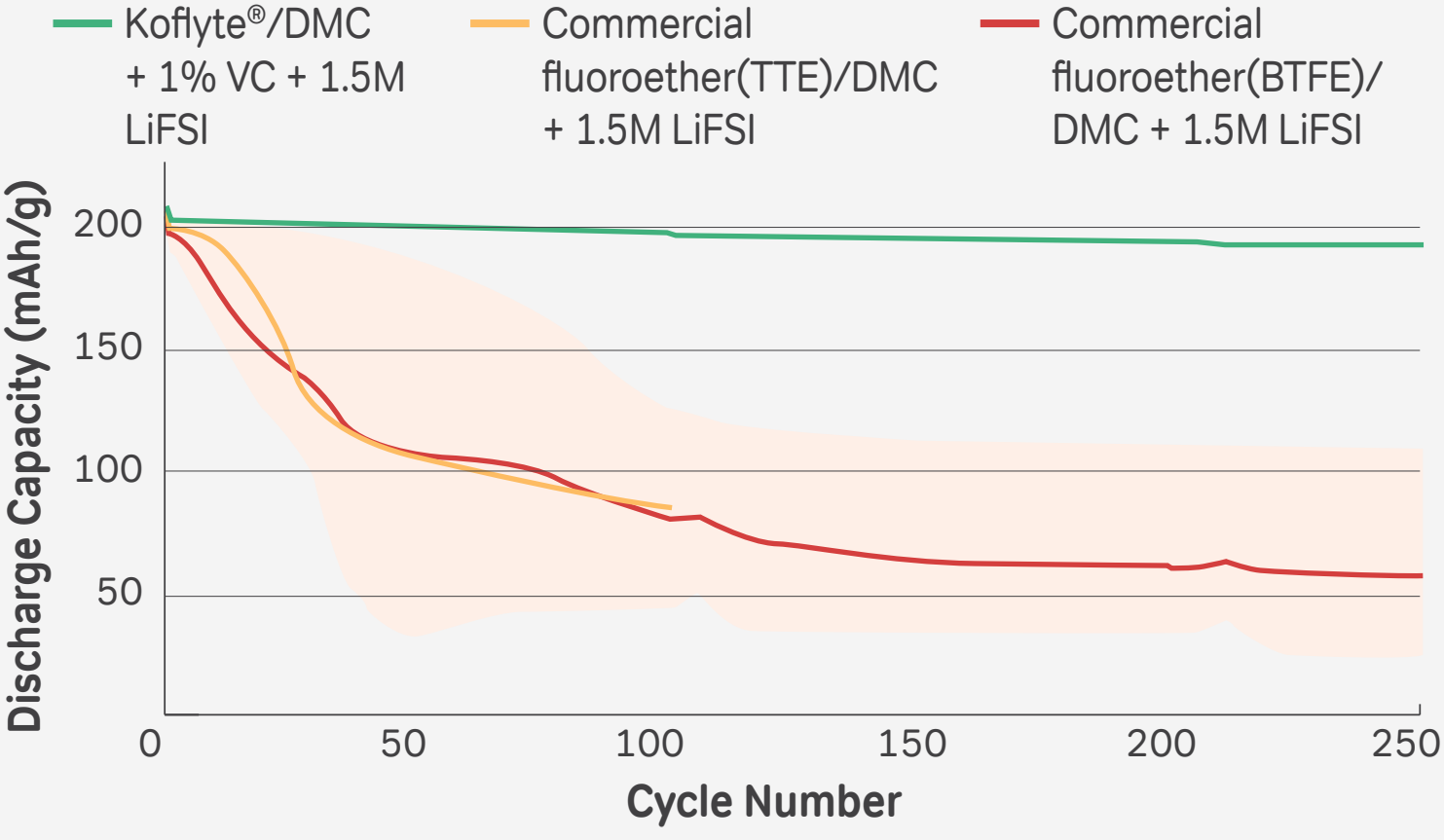
Koflyte®

Portfolio of safe, low flammability solvents, additives, and diluents

Multiple functional options including fluorinated cyclic carbonates, dioxolanes, and esters

Compatible with Li-Ion, Li-Sulfur, Li-Metal, and Solid-Electrolyte systems

4C Fast Charge Cycling in 4.3V NMC811/Gr Multilayer Pouch Cells



Local Li Concentration

In Localized High Concentration Electrolytes, measured by NMR

