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 \succ Oxidation of solvent from the O_2 generated by cathode is responsible for the thermal run away of lithium batteries

Cathode that generate more oxygen could lead to unsafe lithium batteries

















































Flash point	
Additive	Flash point (°C)
No additive	27.5
8wt%	34.5
≧9wt%	No-flash point
Oxygen Index	
Additive	Limited Oxygen Index
No additive:	17.5
8 wt.% Phoslyte	22.8
20 wt.% Phoslyte	25.4
Mechanism of Fire-extinguish ability	
$ \begin{array}{c} $	







