

application of liquid sensitive battery chemistries and enhancing cell performance, particularly at high loading weights when compared to conventional wet coated electrode in discharge rate studies. These results suggest that dry coated electrodes exhibit lower particle-to-particle contact resistance and charge transfer impedance, likely due to a uniform network of interconnects between binder and active material particles. Additionally, prolonged cycle life performance of dry coated electrodes in small prototype pouch cells and large format pouch cells, $\geq 10\text{Ah}$, is under evaluation.

References

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