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TECH

**Our mission is to  
develop and deliver the  
world's most powerful  
and most sustainable  
battery materials.**

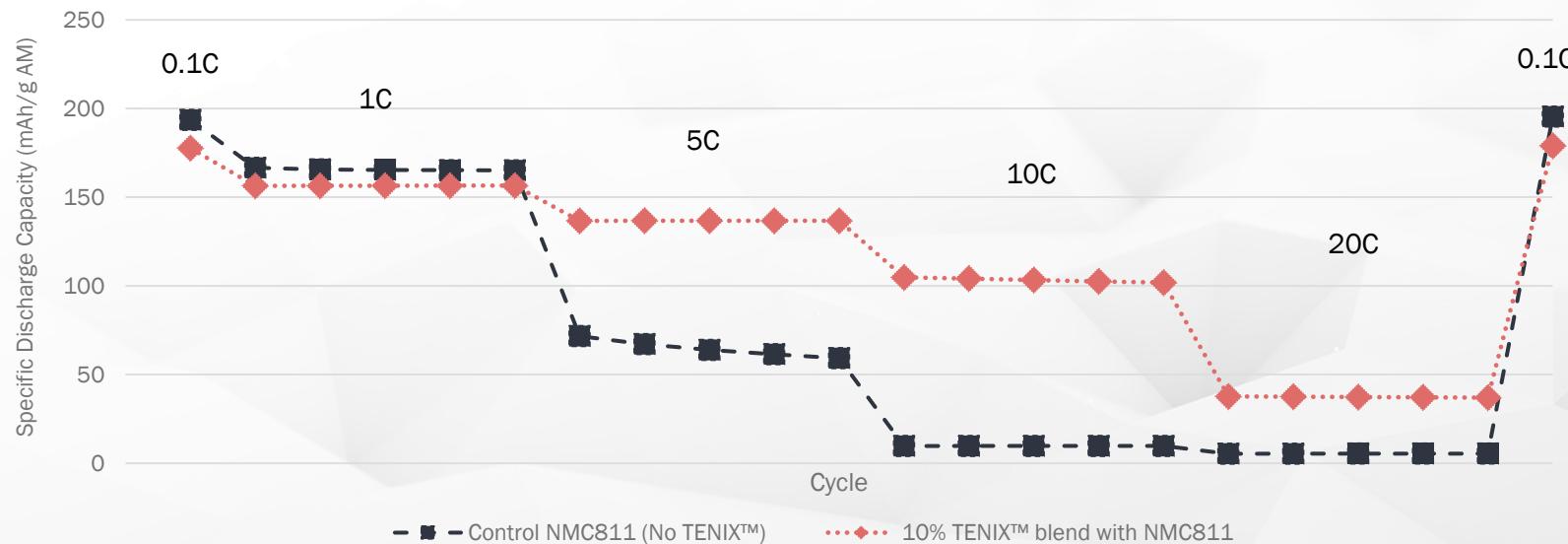


A proprietary, patent-protected nanomaterial that when **BLENDED** with traditional cathode materials can both **BOOST PERFORMANCE** and **INCREASE SUSTAINABILITY** of single use and rechargeable batteries.

TENIX™ IS NICKEL AND COBALT FREE.

# Replacing just 10% of NMC811 with TENIX™ revolutionizes rate performance

Asymmetric Rate Cycling at 25 °C



**Format:** 7cm<sup>2</sup> single-layer pouch with Li metal anode; **Electrode Formulation:** 90% total active material/5% PVDF/5% conductive carbon (TENIX™ cathode has 10% TENIX™ /90% NMC811 blended active material); **Loading:** 5.5 - 8 mg/cm<sup>2</sup> total active material; **Electrolyte:** LiPF<sub>6</sub> carbonate blend; **Test Temperature:** 25 °C; **Rate Test Protocol:** C/10 CCCV charge with various discharge rates as indicated; **Specific Capacity Calculation:** Mass of NMC811 + TENIX™



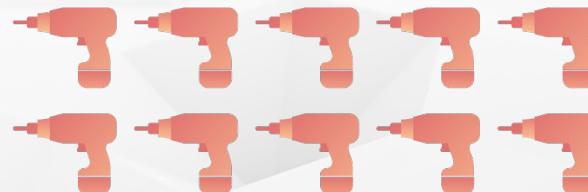
## Cell State-of-Change 15-minute Charge



**Format:** 7cm<sup>2</sup> single-layer pouch with Li metal anode; **Electrode Formulation:** 90% total active material (10% TENIX™ /90% NMC811)/5% PVDF/5% conductive carbon; **Loading:** 5.5 - 6.5 mg/cm<sup>2</sup> total active material; **Electrolyte:** LiPF<sub>6</sub> carbonate blend; **Test Temperature:** 25°C; **Test Protocol:** 3x C/3 cycles (3 - 4.2V) to establish capacity followed by a 4C charge; **Specific Capacity Calculation:** Mass of NMC811 + TENIX™



## Up to **10x more** energy available for Power Tool Operation



**Format:** 7cm<sup>2</sup> single-layer pouch with Li metal anode; **Electrode Formulation:** 90% total active material (10% TENIX™ /90% NMC811)/5% PVDF/5% conductive carbon; **Loading:** 5.5 - 8 mg/cm<sup>2</sup> total active material; **Electrolyte:** LiPF<sub>6</sub> carbonate blend; **Test Temperature:** 25°C; **Test Protocol:** C/10 CCCV charge with various discharge rates (5C, 10C, 20C); **Specific Capacity Calculation:** Mass of NMC811 + TENIX™



# Come talk to us about:

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- + Joining our power tool, automotive, and primary battery partners in evaluating TENIX™ for YOUR specific application
- + TENIX™ blends with LFP and Mn-rich chemistries
- + Halving your cathode's carbon footprint
- + Tonnage availability: domestic production and recycled streams
- + Job openings at Ten-Nine Tech in manufacturing and cell development