



BLACK DIAMOND  
STRUCTURES™



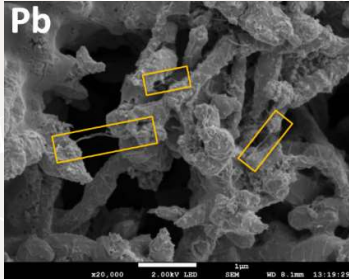
Innovative  
Nanomaterial  
Solution

# Pb 4100N Series



Traction

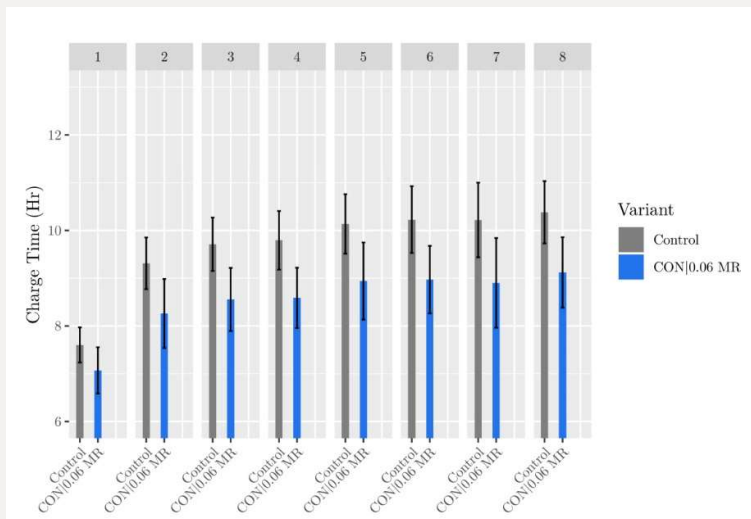
# Traction



MOLECULAR REBAR® - based products provide nanoscale, electroactive reinforcements which act to bring the active material together, reinforcing electrode structure, alter interparticle connectivity and morphology to enhance active material structure, overcome structural and chemical limitations that induce failure.

## Technical Advantages

By overcoming structural, chemical, and electrochemical limitations that limits battery outputs and induce failure, Pb4110N enhances the fast-charging capability without affecting the longevity of the materials.



Fast Charging:

- Enables Fast charging (40% start current or 0.4C) with no degradation to life cycle.
- Improves thermal operational ranges.
- Improves charge acceptance.

Increased life cycle:

- Higher productivity (through put)
- Higher capacity through life
- Improved battery health
- Improved cycle life

## Health Check

