



BLACK DIAMOND
STRUCTURES™



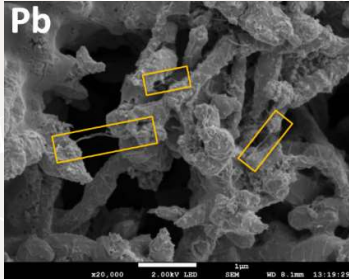
Innovative
Nanomaterial
Solution

Pb 1400N Series



Motorcycle VRLA

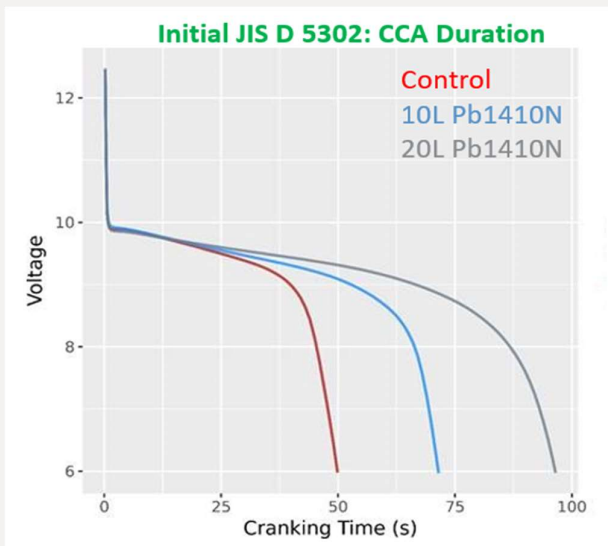
Motorcycle



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, Pb1410N enhances the electrical performance & improve the longevity of the materials.



- CCA duration enhanced and maintained thru cycling.
- 50% increase with 10L of Pb1410N
- 100% increase with 20L of Pb1410N

- Improved charge acceptance and capacity retention
- Life cycle is significantly increased. Tested in
 - 50% DoD OEM Test
 - JIS C8702
 - JIS D5302 Light Load Test

