

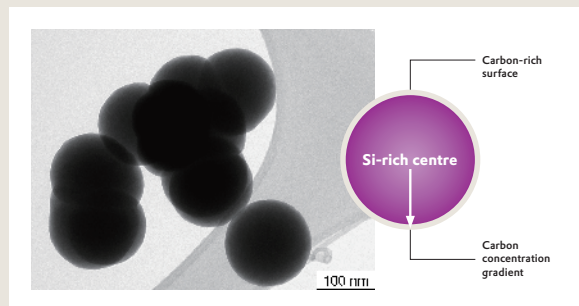
Siridion® Black. Empowering You to Perform.

Boost the performance of your anode material with the new Siridion® Black. The Si/C composite increases the energy density and energy efficiency of your lithium-ion batteries while maintaining a practical service life.



WHAT'S IN IT FOR YOU

- **Gain technological advantage:** Use our additive for maximum performance of your anode material and be a step ahead of the competition.
- **Enable tailor made solutions:** Use particles that give you and your customers maximum flexibility in the design of lithium-ion batteries.
- **Ready to use:** Silicon with carbon-rich surface available at industrial scale.



Electron microscopy image of Siridion® Black (left) and schematic representation of its Si/C structure with carbon concentration gradient (right).

TECHNICAL PROPERTIES

- **Amorphous Si/C structure** with a unique carbon concentration gradient for superior stability
- **Higher surface carbon content** beneficial for oxidation protection and improved workability
- **High specific capacity** > 3,300 mAh/g
- **High first cycle efficiency** > 90 %
- **Typical oxygen content** < 1 wt. %
- **Tailored carbon content**

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