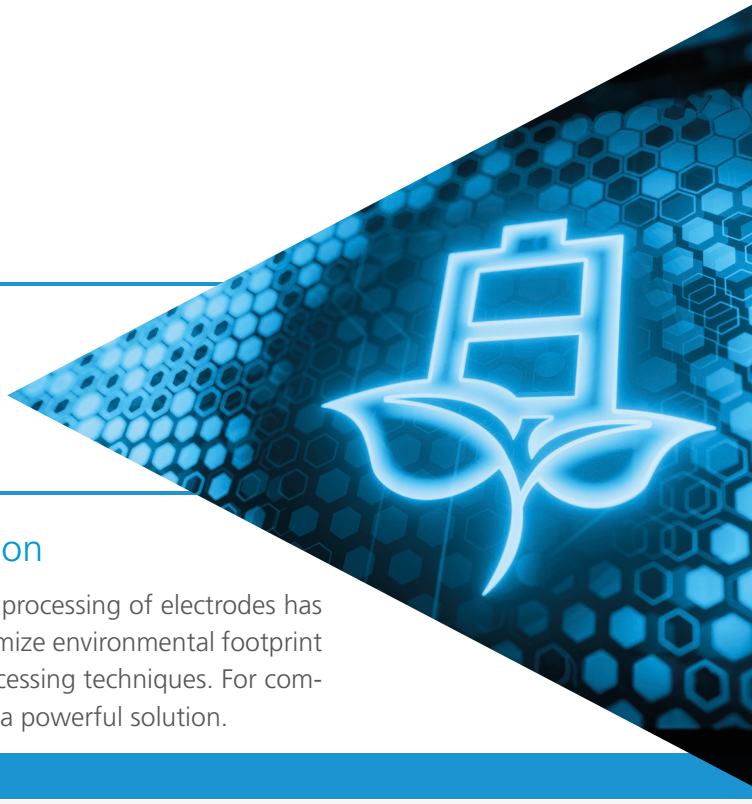
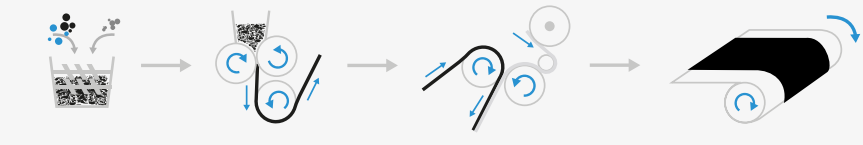
ELECTRODE BINDER FOR DRY PROCESSING

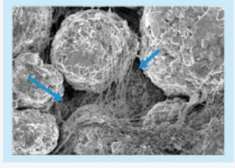


Green Innovations in Battery Electrode Production

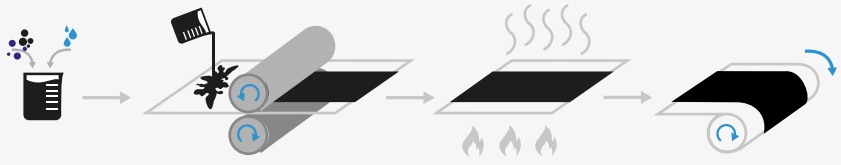
As the demand for sustainable battery production grows, the dry processing of electrodes has become an increasingly preferred method due to its ability to minimize environmental footprint and offer significant cost savings compared to traditional wet processing techniques. For companies committed to green manufacturing, POLYFLON BDP offers a powerful solution.

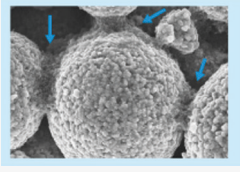
Dry process





Wet process





Cathode / Anode Binder POLYFLON BDP*

Our proprietary cathode/anode binder is specially designed for dry-processing of high-performance lithium-ion batteries. By leveraging Polyflon BDP, battery manufacturers can boost energy density while ensuring eco-friendly and cost-efficient production processes.

Key benefits include:

- Cost efficient large-scale production via elimination of drying steps
- Sustainable production enabled by non-NMP processing and reduced CO_2 production footprint.
- High-energy density electrodes achieved through integration of thicker electrodes.
- Compatibility with emerging solid-state electrolytes and other cutting-edge innovations.

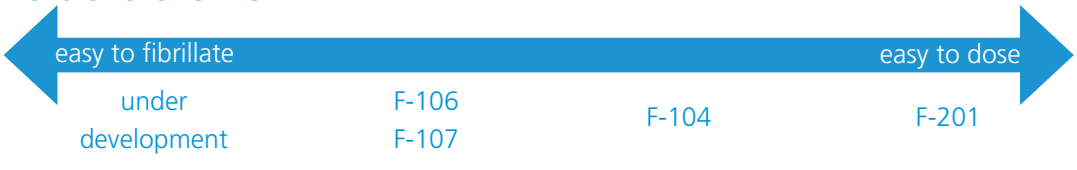
Join forces with our expert teams in our innovation centers in Osaka and Dortmund to drive advancements in dry-process technology.

Environmentally friendly

Cost effective

High energy density

Portfolio overview



Scan for more information.

*under development