

ANTEO S™

Cross-linker Additive for Separators

Reinforcing Ceramic Coated Separators (CCS) in Lithium-Ion Batteries (LIB)

Anteo S™ is a **performance additive** that **reinforces ceramic coatings** on LIB separators. **Anteo S™** improves the **structural integrity and heat tolerance**.

KEY BENEFITS

- ✓ Improved thermal stability
- ✓ Improved puncture strength
- ✓ Improved tensile strength
- ✓ Thinner separators

**SAFER
BATTERIES**



Performance Improvements

- Improved thermal stability and mechanical strength leading to reduced thermal shrinkage
- Reduces risk of thermal runaway and fires



Product Specifications

- Water-based, PFAS-free solution
- Waterlike rheology for simple mixing
- Customisable across cross-linking strength and pot-life



Ease of Use

- Fits into conventional manufacturing processes as a simple additive
- Broad binder compatibility
- Activated during conventional drying process



Cost Reductions

- Supports reductions in coating material use
- Allows lower coating thickness and thinner separators



Contact us if you are looking for:

- ✓ Enhanced thermal safety in CCS
- ✓ Reduction in ceramic coating thickness and material cost
- ✓ Water-based, PFAS-free cross-linking solutions
- ✓ Drop-in additive with no additional CAPEX required
- ✓ Implementation and formulation optimisation support available

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