

NUMBER 5625**soteras™ DSV dispersant**

for improving dispersion of ceramic coated lib separators when used with soteras™ CCS-V binder

general

Soteras™ DSV dispersant is an effective water-based dispersant for ceramic particles coated on the separators for use in lithium ion batteries. It can be used in combination with Soteras™ CCS-V binder. Adding of Soteras™ DSV dispersant can assist better dispersing of ceramic particles in a water-based slurry. Soteras™ DSV dispersant improves the uniformity of the slurry, thereby resulting in an improved ceramic coating of the Polyolefin (PE) separator.

physical properties

characteristics	unit	range	method
appearance		white powder	
viscosity at 12 % in water, Brookfield LVT	mPa.s	300 - 600	MA 304.1001
pH of a 2% aqueous solution	%	5,0 – 8,5	MA 304.1004
loss of drying	%	0 - 10	MA 304.1500

key features of Soteras™ DSV dispersant

A small amount of Soteras™ DSV dispersant is added to effectively disperse ceramic particles in the aqueous slurry:

- o suitable for a variety of ceramics
- o improves slurry uniformity
- o improves the coating of the ceramic coated separator
- o no impact on the performance

packaging

Soteras™ DSV dispersant is packed in 22,68 kg bags.

product safety

Read and understand the Safety Data Sheet (SDS) before using this product.