

Daramic® HD Plus™

Daramic® HD Plus™ builds upon the success of the Daramic HD product line with an improved formulation designed to suppress antimony poisoning, improve life and increase capacity in heavy duty deep cycle applications such as golf car, renewables, floor machines, and traction vehicles.



Features

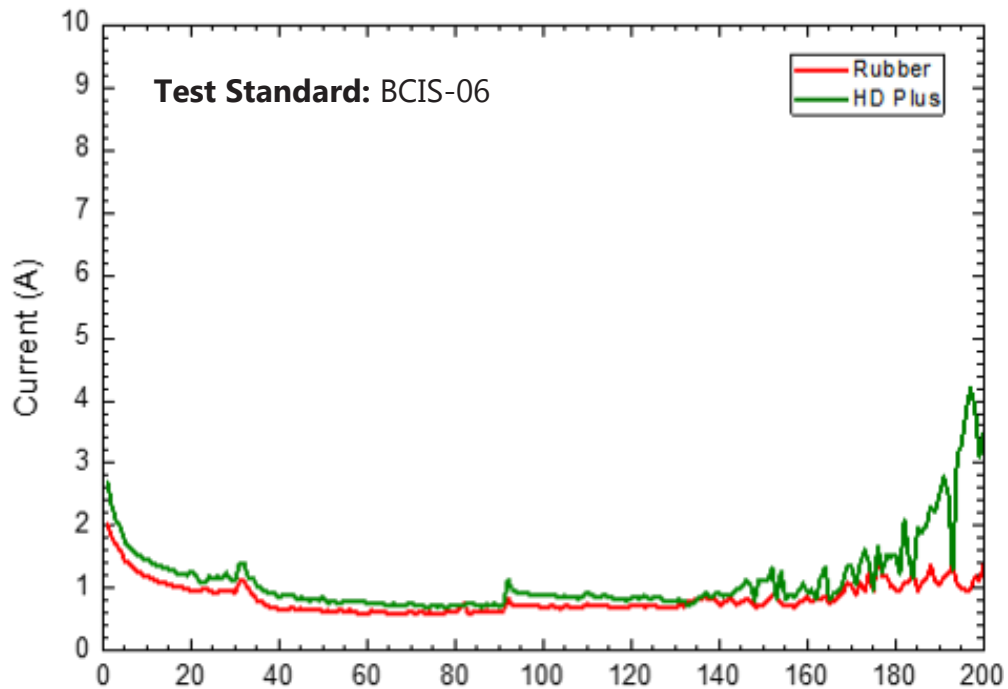
- Incorporates an improved polyethylene formulation, which suppresses the effects of antimony poisoning yielding longer life
- New formulation provides lower internal resistance, improving charge acceptance and increasing capacity
- Sealable for both envelope or sleeve automation providing protection from short circuits and higher manufacturing yields
- High oxidation resistance
- Optional glass mat for active material retention

Key Benefits

- Exceeds battery life requirements by counteracting the negative effects of antimony poisoning including superior oxidation resistance and reduced water loss
- On average, HD Plus increases capacity by 9% versus standard separators, resulting in increased back-up time for users

Daramic®
HD Plus™

Antimony Suppression with Daramic® HD Plus™



Daramic® HD Plus™ end-of-charge current is comparable to typical rubber separators

Properties of Daramic® HD Plus™

Attribute	Typical Value*	
	Rubber	HD Plus™
Backweb Thickness (mm)	0.400	0.300
Electrical Resistance (mΩ-cm ²)	450	165
Porosity (%)	38	55
CMD Elongation (%)	78	200

*Daramic Internal Testing



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