

Daramic HD

Daramic HD is a polyethylene battery separator specifically designed to minimize water loss due to antimony poisoning in lead acid batteries used in heavy duty deep cycle applications such as traction, stationary and golf car batteries.



Advantages

- Incorporates a special slow release organic additive, which counteracts the effects of antimony migration
- Reduces the effects of antimony poisoning, comparable with rubber separators
- High puncture and oxidation resistance
- High porosity for lower electrical resistance
- Sealable for both envelope or sleeve automation and short protection

Benefits

- Superior performance for enveloping and sleeving on high-speed equipment
- Extends battery life compared to conventional separators
- Counteracts the negative effects of antimony migration
- Superior oxidation resistance ensures longer battery life
- Reduces battery water loss

DARAMIC[®]

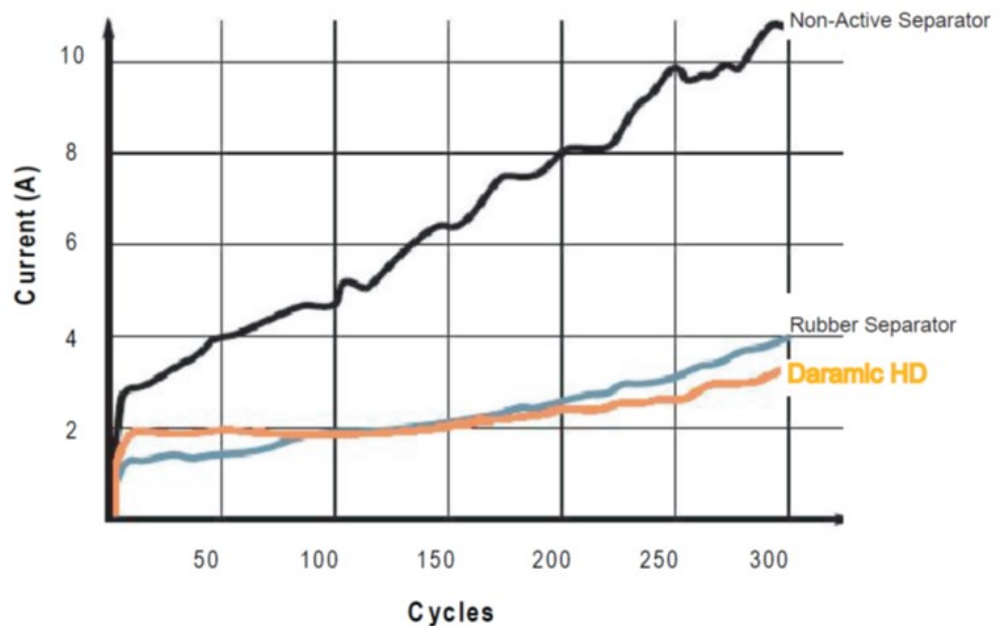
Daramic HD

Properties of Daramic HD

Electrical resistance, as well as elongation and backweb thickness. Products thickness and various available.

Attributes	Unit	Typical Value
Backweb Thickness	μm	300
Electrical Resistance	mΩ-cm ²	190
Porosity	%	55
Elongation (CMD)	%	200
Dimensional Stability	%	-1.0
Backweb Oil	%	15-17
Total Oil	%	19-21

Battery test results with industrial separators
55 °C, IU (2.4 V)



DARAMIC®

A **POLYPOR** Company

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