

Daramic[®] HP+

Daramic[®] HP+ is a unique high-performance polyethylene battery separator designed for starting, lighting and ignition (SLI) lead acid batteries that contain antimony. The unique design of Daramic[®] HP+ can reduce battery water loss by as much as 30%, which makes it well suited for high temperature applications.



Advantages

- Excellent puncture & oxidation resistance
- Lowest electrical resistance in the industry
- Reduces battery water loss by up to 30%
- Meets stringent OEM test standards for both antimony and non-antimony systems
- Available with glass mat for heavy-duty applications
- Available in a wide range of product profiles, rib configurations and backweb thicknesses

Benefits

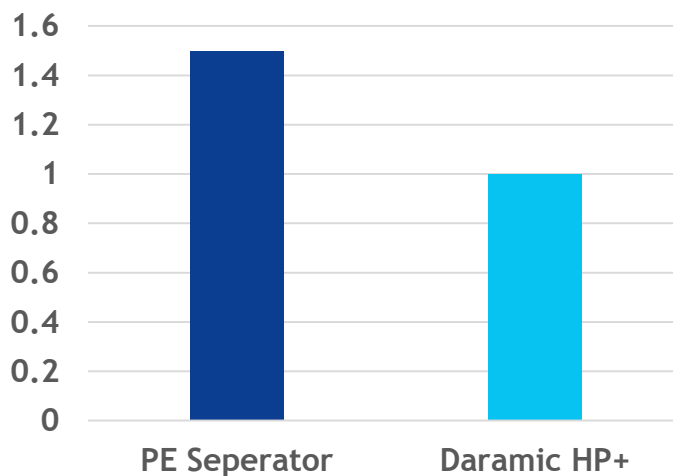
- Decreased risk of battery failures by introduction of water-born contaminants
- Reduced warranty claims
- Reduced battery maintenance

DARAMIC[®]

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Water Loss Results (g/Ah)



21 days overcharge, 2.4 V/cell at 40 °C, positive plate PbSb
1.6% / negative plate PbCa

Typical Properties

Backweb Thickness (mm)	0.20	0.25
Electrical Resistance (mΩ-cm²)	49	58
Puncture (N)	13	13
Porosity (%)	58	58
Oxidation Stability (20h Perox)	370%	380%
Avg. CMD Elongation (%)	500%	520%

DARAMIC®

A **POLYPORE** Company

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