

DURALIFE®

DuraLife® is a new, high performance polyethylene battery separator specially designed for starting, lighting and ignition (SLI) lead-acid batteries. DuraLife's patented design significantly improves battery performance, improves efficiency and yield during battery assembly, and reduces puncture shorts.



Advantages

- Oxidation resistance improved by more than 40%
- Leachable organic carbons reduced by 50%
- Improved enveloper runability
- Lower electrical resistance than competitive materials
- Industry leading puncture resistance

Benefits

- Improves battery cold cranking amps (CCA) performance
- Longer battery life in hot climates
- Improved battery production efficiencies and lower yield loss during assembly
- Acid displacement decreased by 5-10%, resulting in greater electrical capacity
- Battery water loss properties improved by over 40% for antimony alloys and over 20% for non-antimony alloys

DARLAMIC®

DURALIFE®

Performance Comparison of DuraLife® Using Industry Standard Test Methods

Attributes	Units	DuraLife®	Daramic HP
Water Loss			
Antimony Alloy	g/Ah	1.2	1.9
Non-Antimony Alloy	g/Ah	0.7	0.9
Oxidation Resistance (Perox, 40 Hours)	%	175	125
Electrical Resistance	mΩ-cm ²	50	50
Leachable Organic Carbons	ppm	150	300
Runnability	% Envelope Rejects	X/2	X
Color		White	Grey

DARAMIC®

A **POLYPORE** Company

Americas
+1 704 587 8599

Asia Pacific
+86 21 5869 0368 x808

Europe, Middle East & Africa
+33 3 8882 4112