

Daramic HP

Daramic HP is a high-performance polyethylene battery separator designed for starting, lighting, and ignition (SLI) lead-acid battery applications, such as automobiles, trucks, and motorcycles.

Daramic HP is specially formulated to deliver excellent puncture and oxidation resistance, contains amorphous silica for high porosity, and a specially formulated oil that improves resistance to oxidation.



Advantages

- Excellent for high under-hood temperature applications
- High puncture and oxidation resistance
- Available with glass mat for heavy duty applications
- Lower backweb thickness
- High porosity for lower electrical resistance

Benefits

- Improved yields and lower scrap rates
- Lower risk of battery failures with thinner backweb
- Increased processing speeds
- Improved overall battery electrical performance
- Reduced acid displacement

Daramic HP

Daramic HP 200 - Typical Values

Attributes	Units	Standard PE Separator	Daramic HP
Backweb Thickness	μm	200	200
Puncture Resistance	N	7.5	13
Oxidation Stability - CMD elongation after	%	Min 50 20h PEROX	Min 100 20h PEROX
Electrical Resistance	mΩ-cm ²	70	55
Porosity	%	60	60
Elongation CMD	%	350	350
Backweb Oil	%	11-12	11-12
Total Oil	%	14-17	14-17
Moisture Content	%	3	3
Dimensional Stability	%	-0.5	-0.5



A **POLYPORE** Company

Americas
+1 704 587 8599

Asia Pacific
+86 21 5869 0368 x808

Europe, Middle East & Africa
+33 3 8882 4112