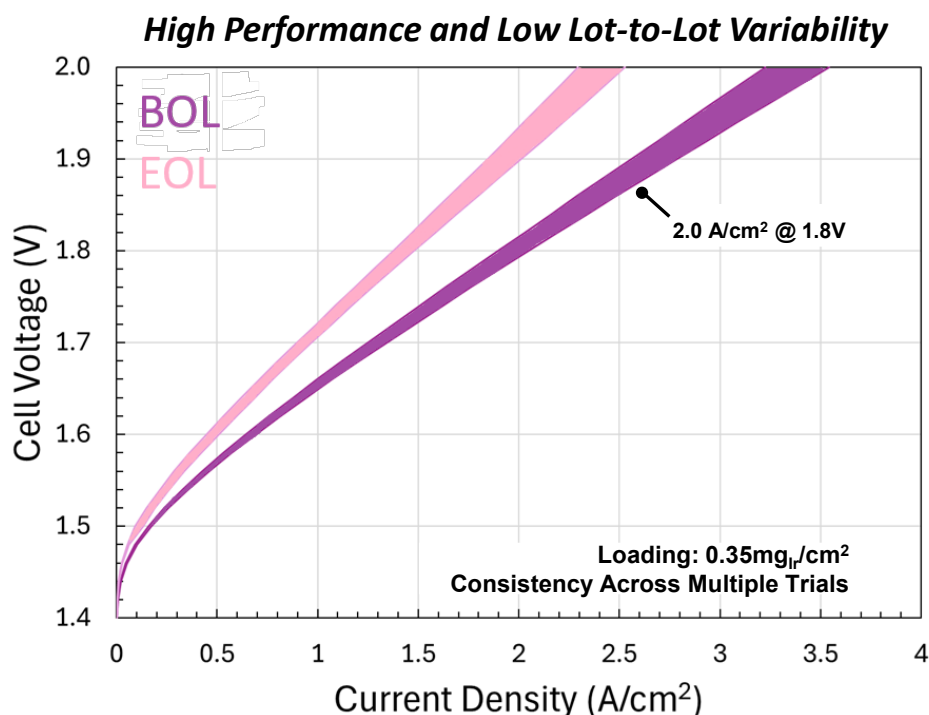
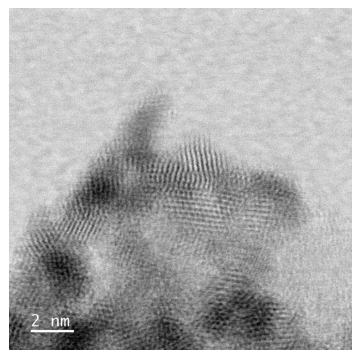


Pajarito's iridium oxide provides industry-leading PEM water electrolysis performance and durability. Our catalysts demonstrate superior surface area, excellent mass activity, and high durability over 10000+ hours, providing highly consistent PEM output that minimizes variance in stack performance. Our IrO_x outperforms current DOE targets and is poised to exceed 2026 targets for PEM performance.

 CORE PRODUCT	Ir Content (wt%)	BET Surface Area (m^2/g)	Average Crystallite Size $2\theta = 30.5^\circ$ (nm)	Mass Activity (A/g_{Ir} @ 1.5V Ir Corrected)	Degradation Rate ($\mu\text{V/h}$)
IrO_x	83.7 ± 0.5	190 ± 30	2.5 ± 0.5	> 900	< 2.3



Additional Features and Tunability

We are also evaluating various Ir-thrifting and recycling strategies to more effectively utilize Ir.

Contact us to learn more.

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