

Plasmaterials, Inc. provides high purity hafnium and hafnium alloys for all PVD applications. Sputtering targets are produced to fit all commercially available cathode configurations as well as for custom ...

Solar panel manufacturers are increasingly adopting hafnium sputtering targets for advanced photovoltaic coatings. The material's ability to withstand extreme processing temperatures ...

Our Hafnium sputtering targets are all made from highest quality, refined crystal bars, which ensures high purity, low zirconium content, and high reliability. Selected sizes are in stock, other sizes have ...

In this study, we examine the surface passivation quality of atomic-layer-deposited HfO₂ layers on n-type silicon surfaces. We measure effective lifetimes of above 5 ms, corresponding to ...

Thin hafnium and hafnium carbide films are deposited via pulsed magnetron sputtering of a Hf cathode in argon and acetylene (C₂H₂) atmosphere at room temperature.

Thin films of hafnium and hafnium carbide were deposited on Si (100) substrates by a balanced reactive magnetron sputtering system using a hafnium (Hf) target with 99.9% purity, dia. of ...

AEM Deposition supplies both standard and customized hafnium sputtering targets worldwide. Purity: 99.95%, all shapes and sizes. Get a quote.

Our high-purity hafnium sputtering targets ($\geq 99.95\%$ Hf) are ideal for a wide range of thin film deposition applications, including semiconductor fabrication, solar cells, and aerospace coatings.

Renewable energy technologies also benefit greatly from the use of Hafnium Sputtering Targets, particularly in solar panel production. Hafnium is utilized to create protective and adhesive coatings ...

Hafnium sputtering targets are critical in producing thin films for a variety of industries, including electronics, optics, and photovoltaics.

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