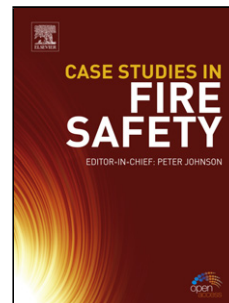


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# An AZ31 magnesium alloy coating for protecting polyimide from Erosion-Corrosion by Atomic Oxygen

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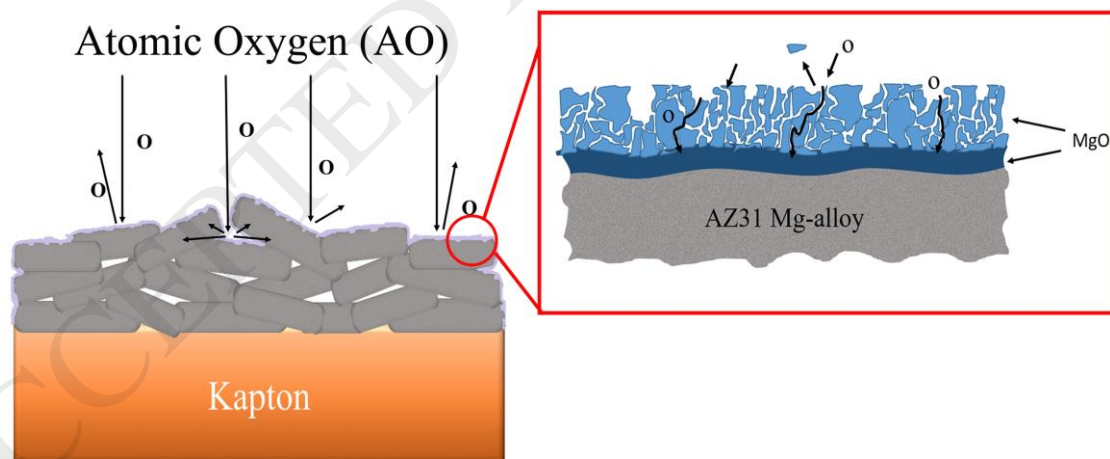
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Graphical abstract



Highlights

- AZ31 Mg alloy coating was deposited on Kapton substrate by magnetron sputtering.
- AO erosion yield of AZ31 coating was about 34 times lower than that of Kapton.
- No obvious morphology change was observed even after exposure to AO with a large

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