

New magnesium alloy resists corrosion

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Scientists have created an alloy with a very low corrosion rate by alloying pure magnesium with tiny amounts of calcium. By using only tiny amounts of calcium, the new alloy retains the properties of pure magnesium. However, it can resist corrosion because of the development of a protective surface film.



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1. Define the words 'alloy' and 'corrosion'.
2. Give an advantage of using a magnesium alloy in a car.
3. Suggest how this new alloy resists corrosion.



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