



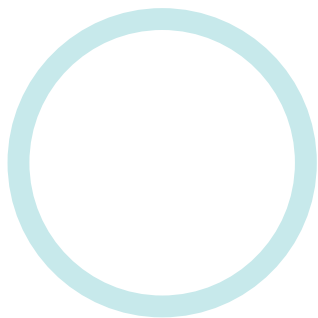
PROMETHIUM

Pm

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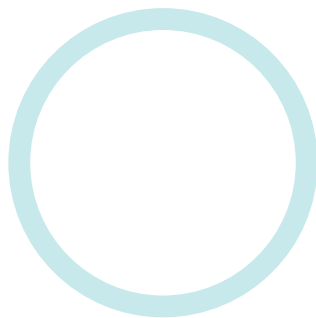
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RARE



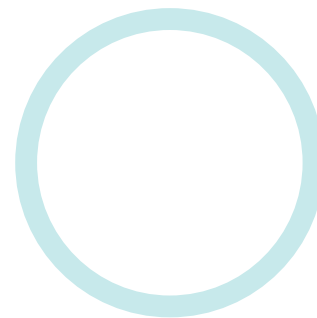
One of the rarest elements on Earth, promethium is a radioactive metal that is found only in trace amounts in nature. It is named after the Greek god Prometheus, who stole fire from the gods and gave it to humanity.

ATOMIC BATTERIES



Promethium-147 is used in atomic batteries, which are small, long-lasting power sources. These batteries are used in medical devices, such as pacemakers, and in space exploration, where they provide power for instruments and sensors.

STAR SYNTHESIS



Promethium is synthesized in stars through a process called s-process nucleosynthesis. It is produced in the outer layers of stars and is then ejected into space as part of a star's wind. The element is named after the Greek god Prometheus, who stole fire from the gods and gave it to humanity.