Libya has the thinnest solar glass

What is Libyan desert glass?
Libyan Desert Glass,an impact glassfound in the Saharan Great Sand Sea of the Libyan-Egyptian Libyan Desert. Credit: CC BY-SA 3.0 DEED ShareAlike Lire en français Scientists have traced the origins of the Libyan desert glass (LDG) to a meteorite crash,and published their findings in the American Mineralogist.

Why is there no crater in Libyan desert glass?
The sheer amount of pressure and the coinciding heatmay have been enough to superheat the sand in the Sahara and form Libyan Desert Glass. Even better,this theory offers an explanation for the lack of a crater where the glass is found. Bingo!

Why is Libyan desert glass reidite?
Libyan Desert glass has a very high zircon content, and when under extreme temperature and pressure zircon can transform into a different mineral, reidite. These temperatures are typically only achieved in a cataclysmic event such as a meteorite impact.

How was Libyan desert glass formed?
In summary,while the exact details of the formation of Libyan Desert Glass continue to be a subject of scientific research,the prevailing theory is that it was created during a meteorite impact eventin the Sahara Desert,which led to the melting and rapid cooling of local sand and rocks,resulting in the formation of this unique natural glass.

? Ancient Use & Sacred Significance Perhaps most famously, Libyan Desert Glass was used in the burial treasures of the Egyptian pharaoh Tutankhamun. His iconic pectoral ...

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Known as Libyan desert glass,this almost pure silica contained isotopes showing it to be of extraterrestrial origin. But scientists haven''t been able to figure out where it came from. Now ...

Since its official discovery in 1932, scientists have always been fascinated by Libyan Desert Glass, an impactite/tektite that should have rather straightforward origins. Over the years a ...

The solar glass typically features thickness options ranging from 2 mm to 6 mm. It has a high light transmittance of approximately 91% to 92%. The surface is often treated with anti-reflective ...

The origin of Libyan Desert Glass (LDG) found in the western parts of Egypt close to the Libyan border is debated in planetary science. Two major theories of its formation are currently ...

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