

IIT-Gn researchers invent nanosheets made of boron

Ahmedabad: In a major scientific breakthrough, researchers at the Indian Institute of Technology-Gandhinagar have produced nanosheets made of boron, the first in the world. These nanosheets, with thickness measuring three atoms, are said to be among the thinnest materials known to mankind.

To put things in perspective, these nano-sheets are one lakh times thinner than a strand of human hair or a paper sheet but are extremely sturdy and promise to have multiple applications for developing next-generation mobile and laptop batteries, green energy, and even lighter life-saving armours for the Indian armed forces. **TNN P 2**

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