Torn crystal and van der Waals forces

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Read the full article at rsc.li/2hpDDeY, published 10 November 2017
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1. What exactly does ‘high boiling point’ mean?
2. Why do you think it is significant that water has a high boiling point?
3. A control variable is part of the experiment that is kept the same. What do you think the three most important control variables were for the scientists? Why?
4. What does $0.023 \times 10^6 \text{ N/m}^2$ mean?