

27 Thermal stability – Part 1 —Answers

Answers

Work through these after trying the questions yourself.

27.1 It distorts (polarises) it.

27.2 Polarisation.

27.3 It has a lower charge density.

27.4 It increases.

27.5 Barium carbonate.

27.6 The lithium ion is smaller than the sodium ion, so it has a higher charge density and polarises the carbonate ion more strongly. This weakens the carbonate, so lithium carbonate decomposes more easily.