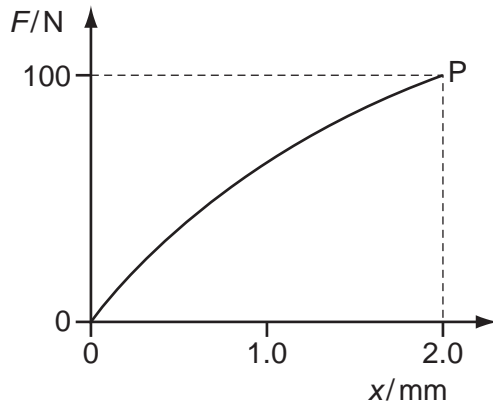


- 21** The graph shows the non-linear force-extension curve for a wire made from a new composite material.



What could be the value of the strain energy stored in the wire when it is stretched to point P?

- A** 0.09 J                      **B** 0.10 J                      **C** 0.11 J                      **D** 0.20 J

- 22** A steel string on an electric guitar has the following properties