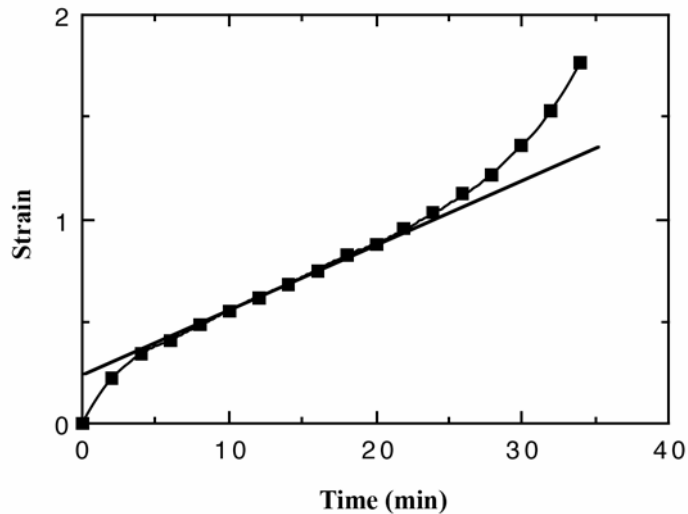


8.27 These creep data are plotted below



The steady-state creep rate ($\Delta\epsilon/\Delta t$) is the slope of the linear region (i.e., the straight line that has been superimposed on the curve) as

$$\frac{\Delta\epsilon}{\Delta t} = \frac{1.20 - 0.25}{30 \text{ min} - 0 \text{ min}} = 3.2 \times 10^{-2} \text{ min}^{-1}$$