

The slope of this line (i.e., $\Delta\sigma/\Delta\varepsilon$), the secant modulus, is computed as follows:

$$\frac{\Delta\sigma}{\Delta\varepsilon} = \frac{60 \text{ MPa} - 0 \text{ MPa}}{0.0006 - 0} = 100,000 \text{ MPa} = 100 \text{ GPa} \quad (14.5 \times 10^6 \text{ psi})$$