



where \bar{c}_{ij} are the elastic stiffnesses ($E_3 = E_2$ and $\nu_{23} \approx \nu_{12} = \nu_{13}$)

$$\begin{aligned}\bar{c}_{11} &= \frac{E_1(1 - \nu_{12} \nu_{21})}{(1 + \nu_{12})(1 - \nu_{12} - 2\nu_{12} \nu_{21})} \\ \bar{c}_{22} &= \frac{E_2(1 - \nu_{12} \nu_{21})}{(1 + \nu_{12})(1 - \nu_{12} - 2\nu_{12} \nu_{21})} \\ \bar{c}_{12} &= \frac{\nu_{12} E_2}{(1 - \nu_{12} - 2\nu_{12} \nu_{21})}, \quad \bar{c}_{66} = G_{12}\end{aligned}\tag{11.2.4}$$