

# Fibre Science

TEXT-321

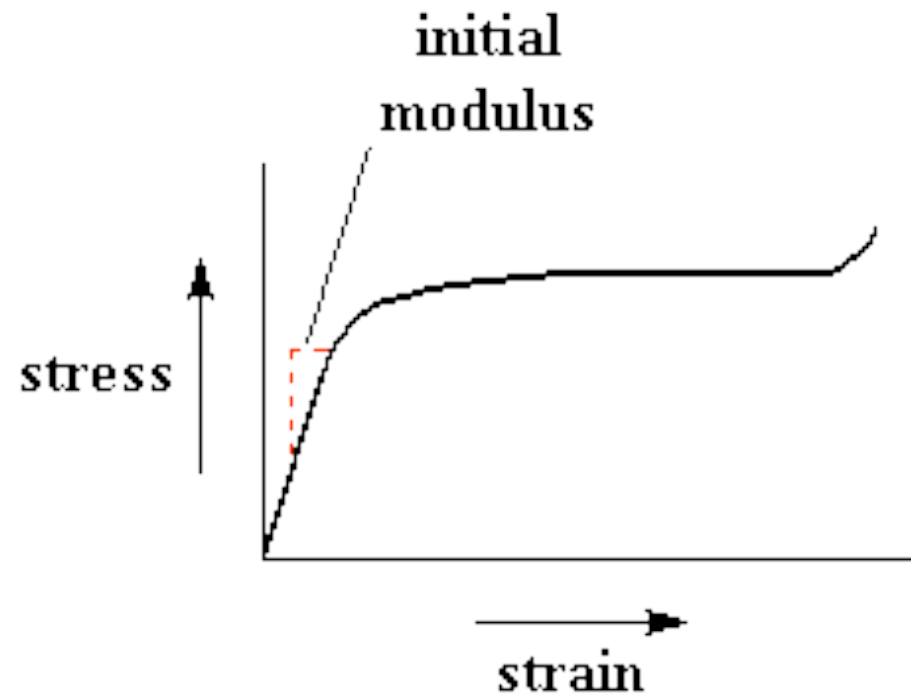
# Strength

- ④ Tensile strength
- ④ Compressional strength
- ④ Flexural strength
- ④ Torsional strength
- ④ Impact strength

# Elongation

- ④ Deformation is simply a change of shape that anything undergoes under stress
- ④ Elongation is a type of deformation
- ④ Deformation under tensile stress is elongation.
- ④ Ultimate Elongation
- ④ Elastic Elongation

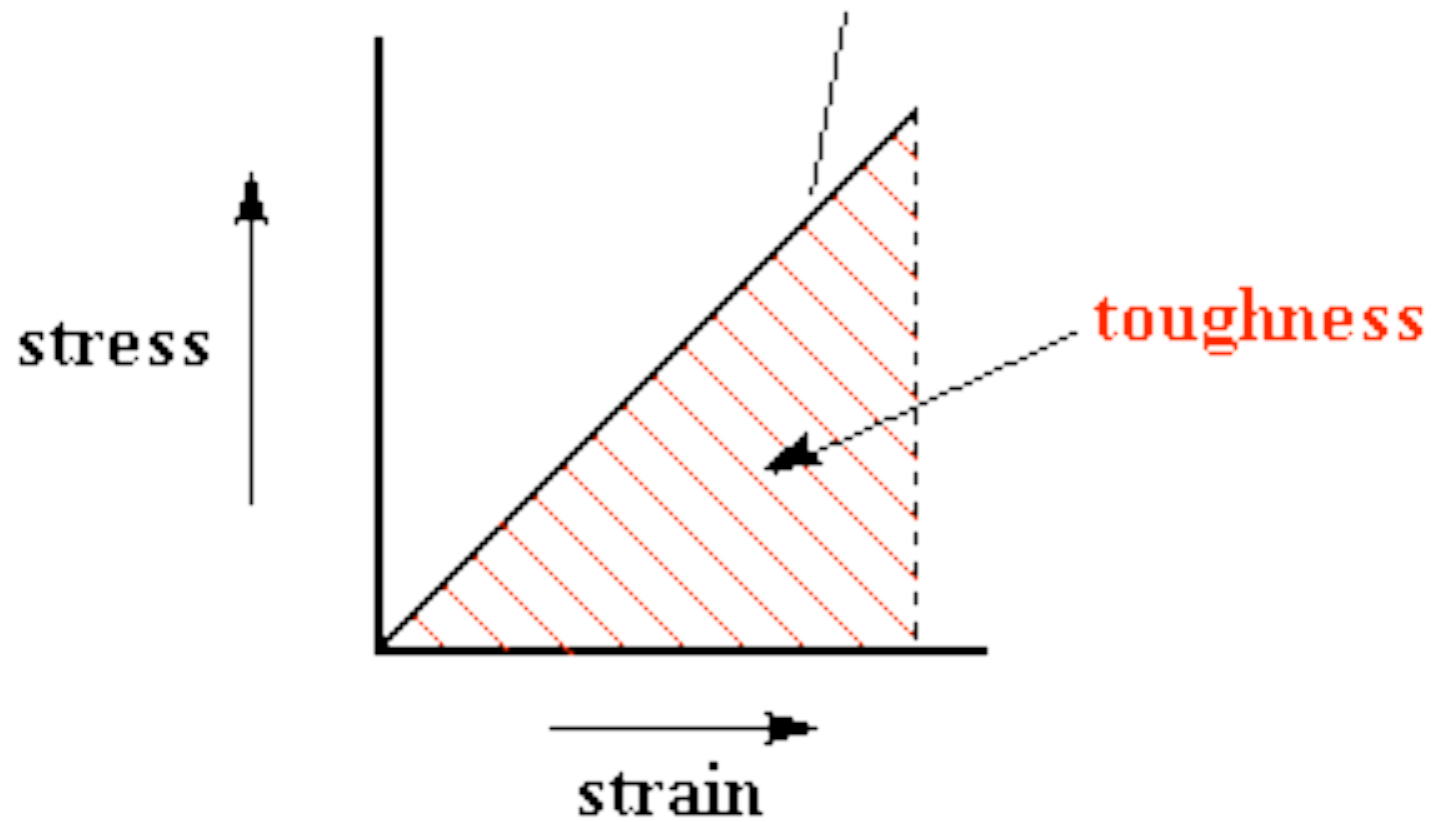
# Modulus



After Odian, George; *Principles of Polymerization*,  
3rd ed., J. Wiley, New York, 1991, p.34.

# Toughness

stress-strain  
curve



# Toughness

