

Figure 1: Formation of the hydroxymethyl derivatives phenol

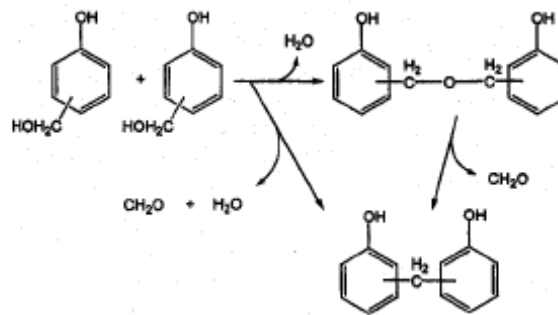


Figure 2: Condensation of the hydroxymethyl derivates of phenol

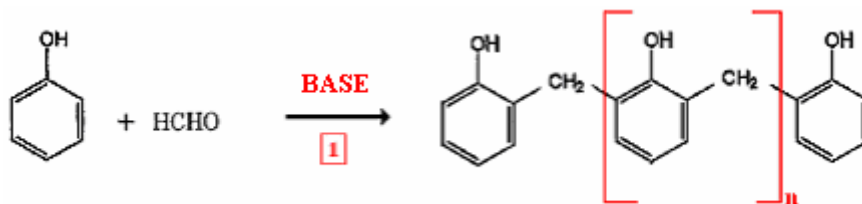


Figure 3: Creation of the PF adhesives by the base-catalyse polymerisation

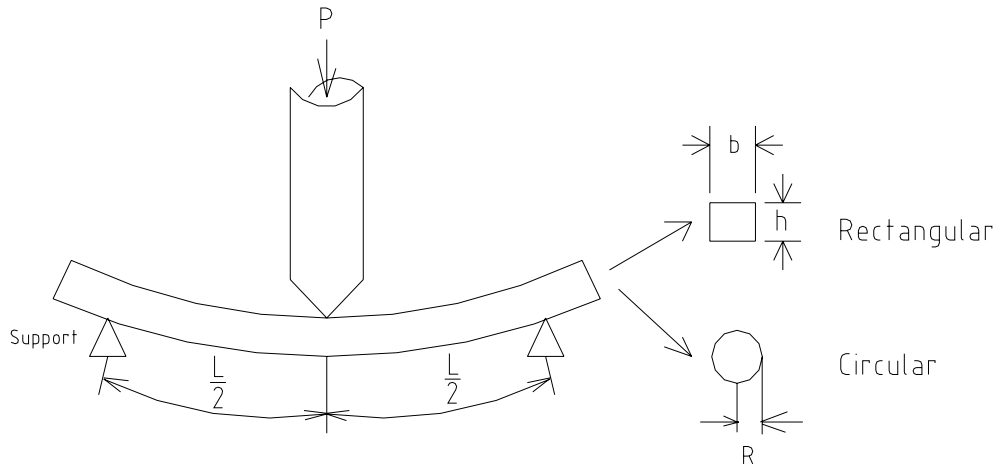


Figure 4: A schematic diagram for three point bending test

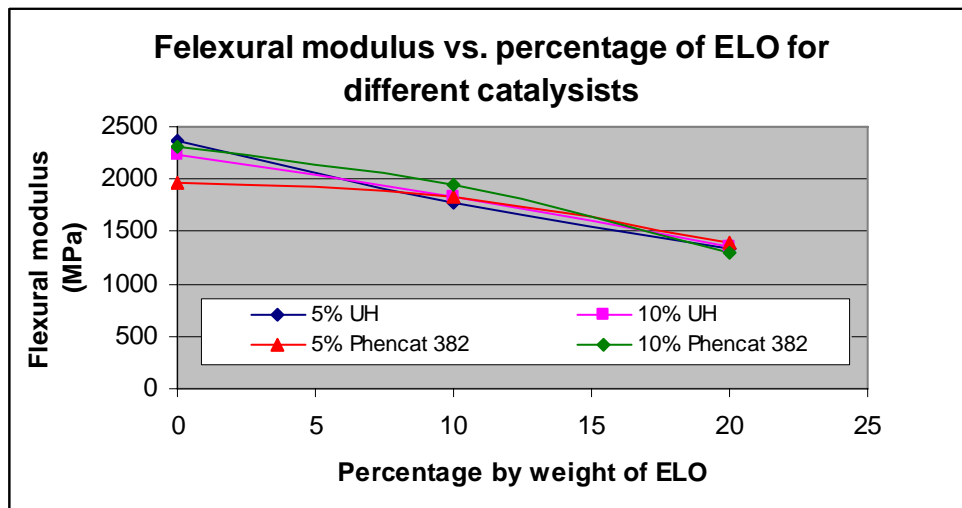


Figure 5: Flexural modulus vs. percentage of ELO for different catalysts

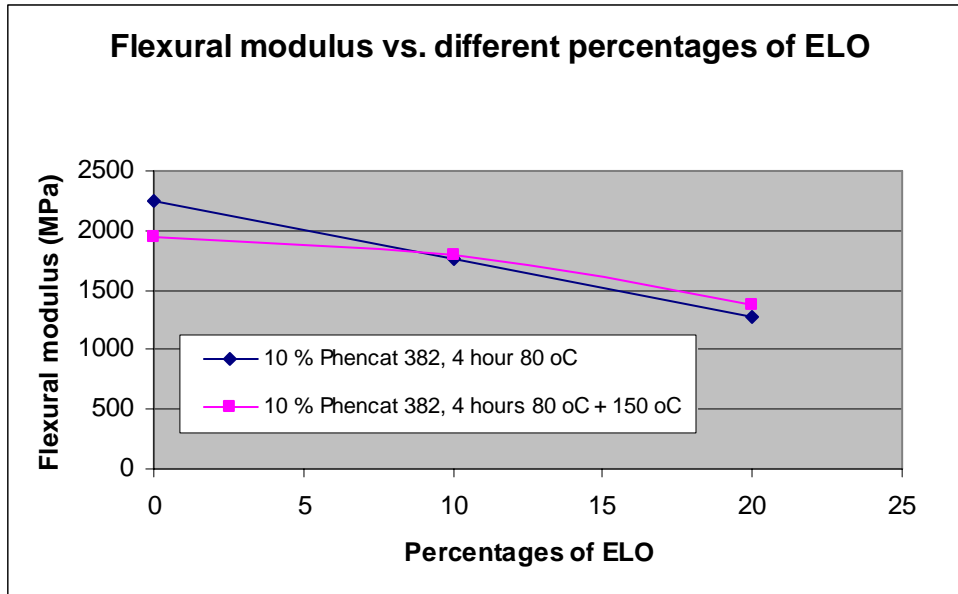


Figure 6: Flexural modulus vs. different percentages of ELO

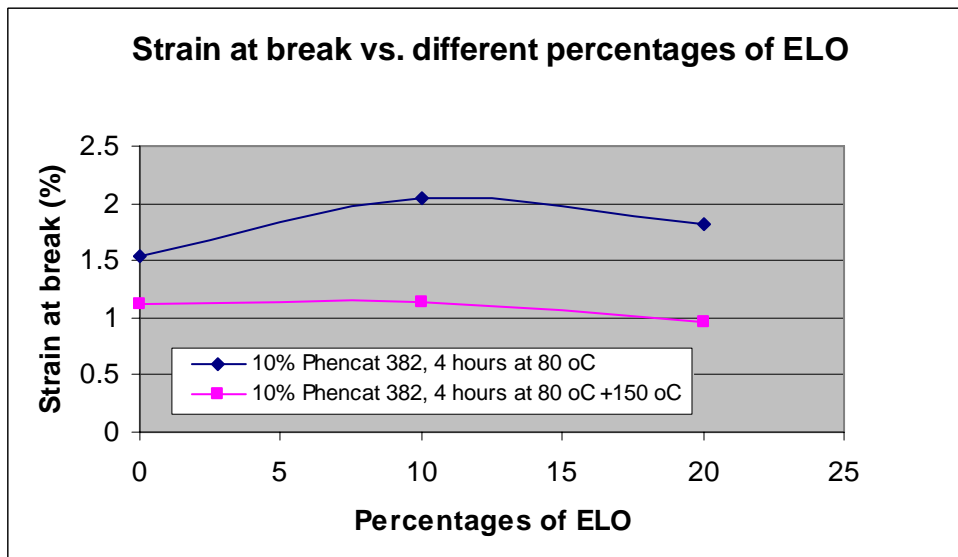


Figure 7: Strain at break vs. different percentages of ELO

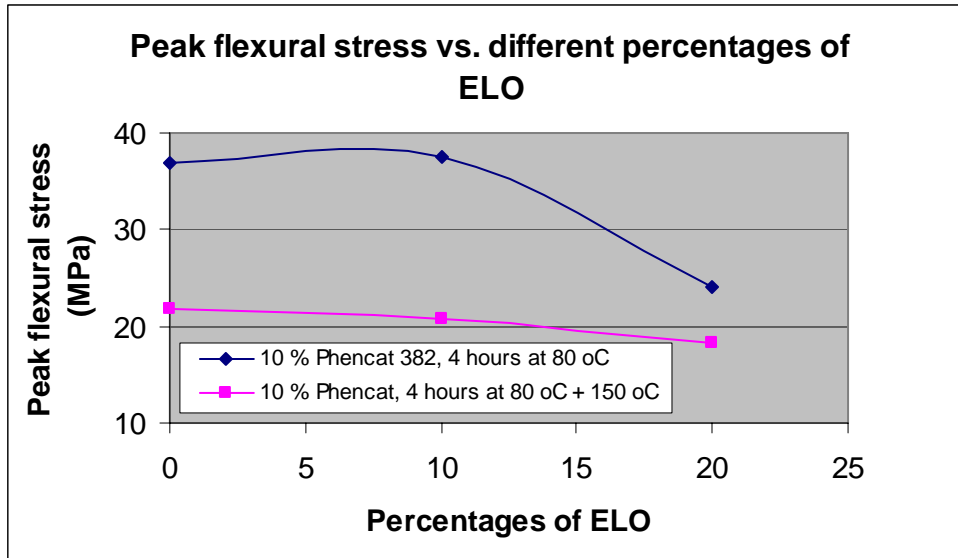


Figure 8: Peak flexural stress vs. different percentages of ELO

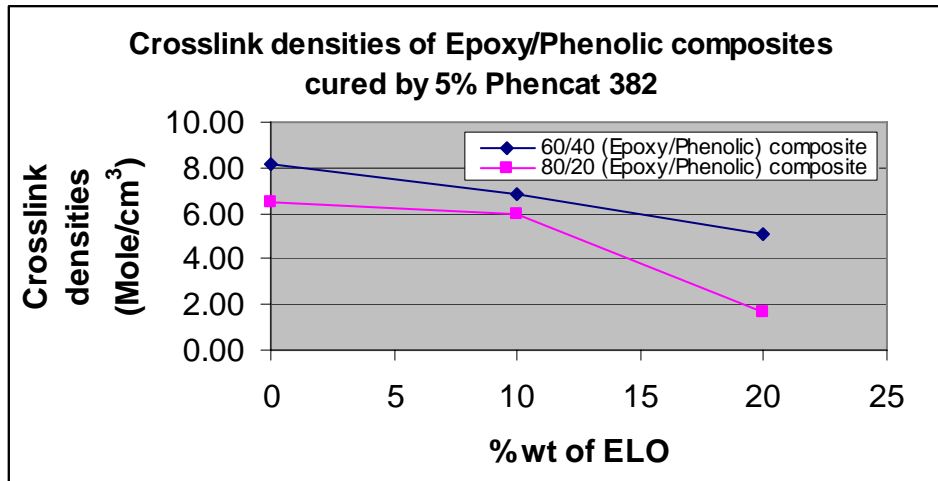


Figure 9: Crosslink densities of Epoxy/Phenolic composites vs. wt% of ELO