LIST OF FIGURES

Figure 2.1: A typical DSC scan showing curing exotherm
Figure 2.2: DSC scan of DPETC recorded at different heating rates
Figure 2.3: TG/DTG traces of isothermally cured DPMTC
Figure 2.4: TG/DTG traces of isothermally cured DDMTC

Figure 3.1: A typical DSC scan showing curing exotherm
Figure 3.2: DSC Scans of epoxy resins DDB₁(a), DDB₂(b), DDB₄(c) and DDB₅(d) in the presence of mixtures of biuret and DDS in varying proportions at 10°C min⁻¹.
Figure 3.3 shows plots of log Ø vs 1/T_p for DDB₁, DDB₂, DDB₃, DDB₄ and DDB₅.
Figure 3.4 shows TG scans of of epoxy resins DDB₁(a), DDB₂(b), DDB₄(c) and DDB₅(d).

Figure 4.1: TG/DTG trace of DPM
Figure 4.2: ¹H-NMR spectra of PM
Figure 4.3: ¹³C-NMR spectrum of BE
Figure 4.4: DSC scans of DPM
Figure 4.5: DSC scans of DBM
Figure 4.6: DSC scans of DPS at different heating rates
Figure 4.7: TG/DTG traces of DM
Figure 4.8: TG/DTG trace of DPE
Figure 4.9: TG/DTG trace of DBS
Figure 4.10: TG/DTG trace of DPM