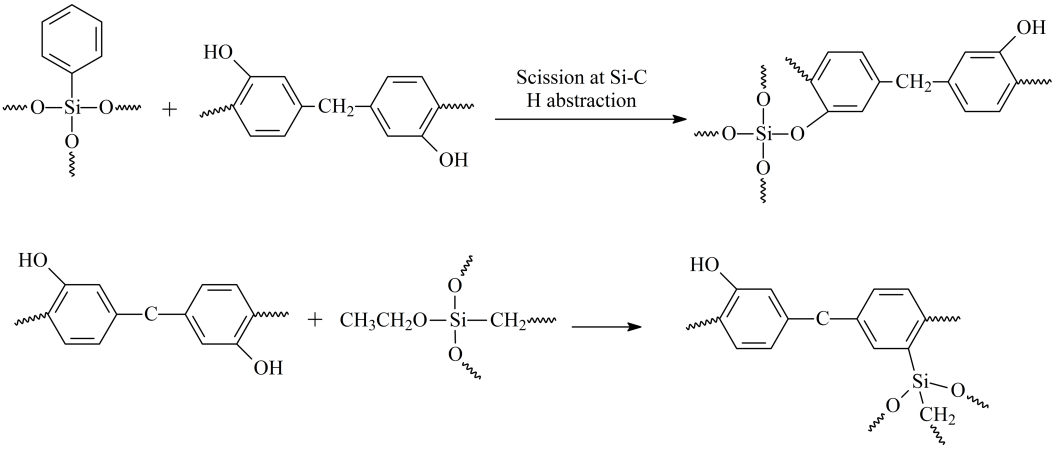


Scheme 1S The chemical reactions among BDM, DBA and Am-HPSi



Scheme 2S The cross-linking reactions between Am-HPSi and BDM/DBA resin