

Supporting Information

Thermo-oxidative ageing effect on mechanical properties and morphology of short fibre reinforced polyamide composites- Comparison of carbon and glass fibres

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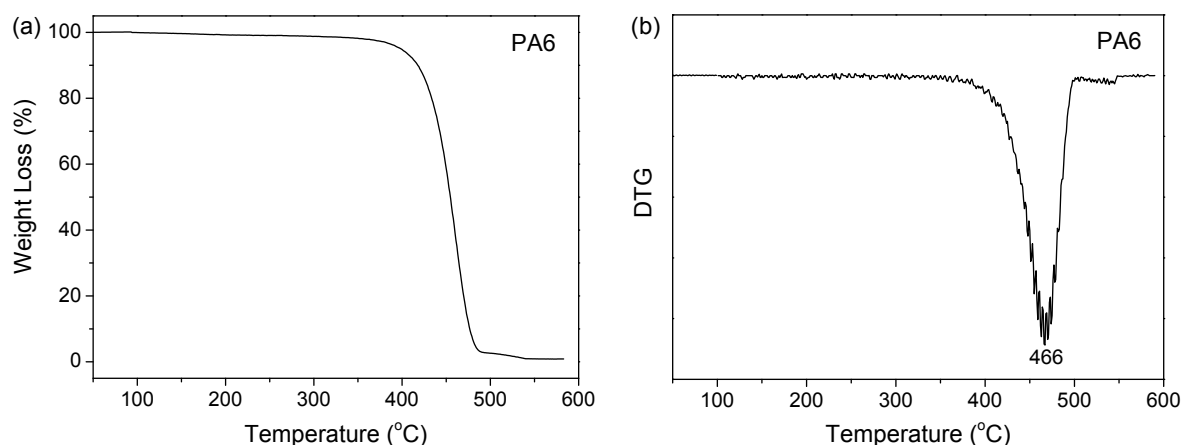


Fig.S1 (a) TGA and (b) DTG curve of the PA6 matrix

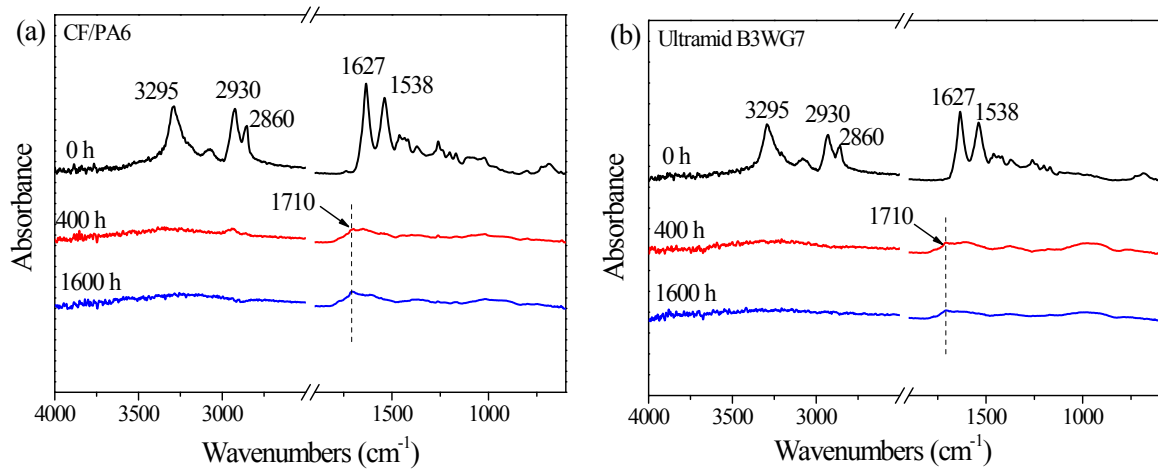


Fig.S2 ATR-FTIR spectra of CF/PA6 and Ultramid[®] B3WG7 specimens aging at 180°C for different aging period

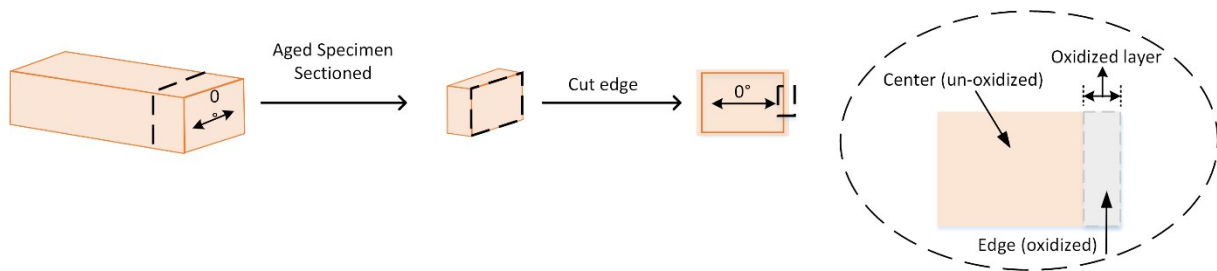


Fig.S3 Oxidation measurement procedures

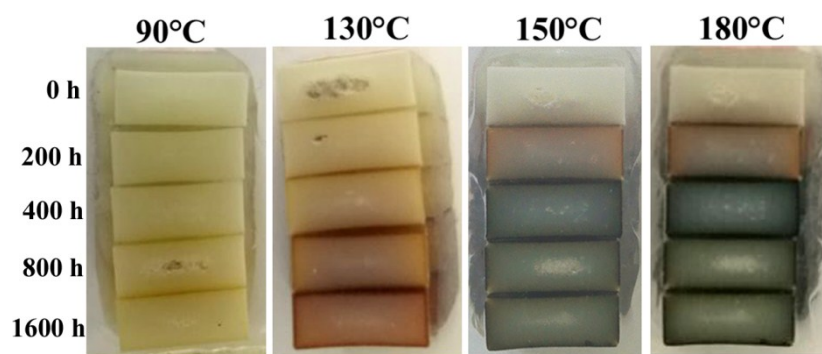


Fig. S4 Ultramid[®] B3WG7 specimens aged at 90, 130, 150, 180 °C for varying aging time under thermo-oxidative conditions (Samples were treated according to Fig. S3).