



Figure. S1 The distribution of MCS in the resin matrix by EDS-mapping analysis. A1-A3, B1-B3 and C1-C3 images represent the distribution of MCS in the cross-section of 5RC, 10RC and 20RC, respectively; D1-D3, E1-E3 and F1-F3 images represent the distribution of MCS on the surface of 5RC, 10RC and 20RC, respectively. The distribution of MCS in the cross-section and on the surface of resin composites becomes dense and uniform with the increase of the amount of MCS nanoparticles.