

RSC Advances

ARTICLE TYPE

Mutual Protection UV Aging of EVA Composites Using Highly Active Optical Conversion Additives

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Received (in XXX, XXX) Xth XXXXXXXXX 20XX, Accepted Xth XXXXXXXXX 20XX

DOI: 10.1039/b000000x

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†Electronic Supplementary Information (ESI) available. See DOI: 10.1039/b000000x/

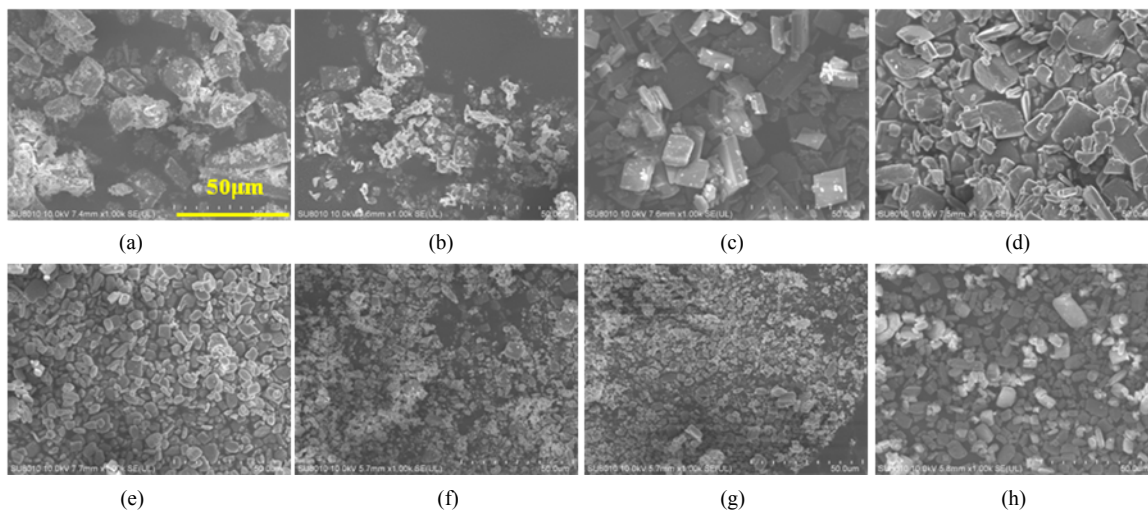


Fig. S1 FSEM of MSTP powder in different reaction time (microwave/ultrasound: 500W/500W) (a)0.17h, (b)0.5h, (c)1h, (d)2h, (e)4h, (f)6h, (g)8h, (h)10h.

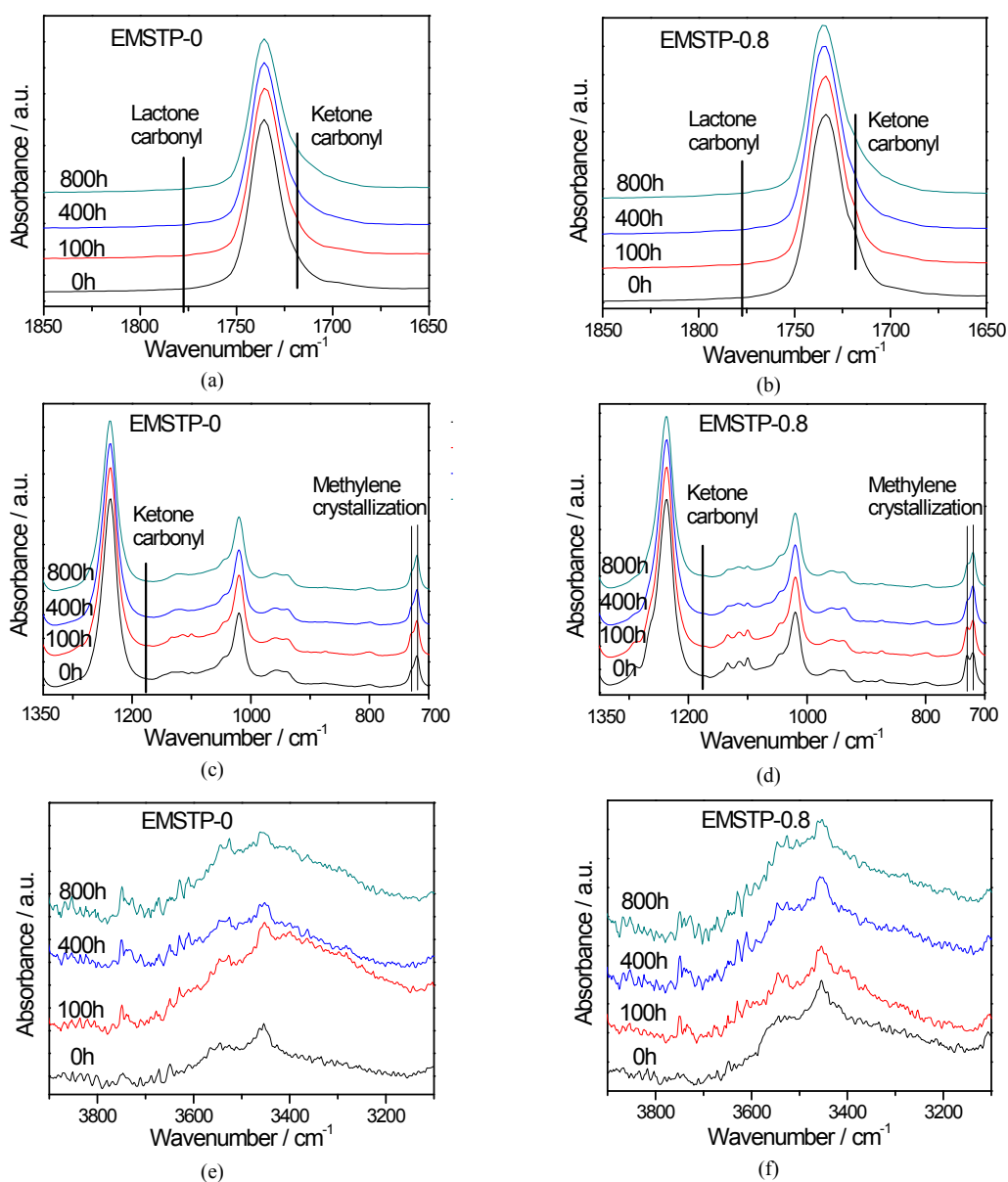


Fig. S2 ATR-FTIR spectra of pure EVA (a, c, e) and MSTP doped EVA films in 0.8 wt% concentration (b, d, f) irradiation for various time in the regions 1850-1650 cm^{-1} (a, b), 1350-1100 cm^{-1} (c, d), 3900-3100 cm^{-1} (e, f).