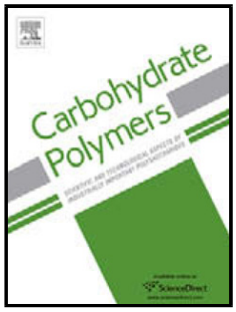


Title: Fabrication of transparent and ultraviolet shielding composite films based on graphene oxide and cellulose acetate

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1 Highlights

2 Composite films based on graphene oxide and cellulose acetate were successfully fabricated.

3 Graphene oxide sheets were well dispersed throughout the cellulose acetate matrix.

4 Composite films retained the transparency in visible range regardless of GO content.

5 Composite films offered an improvement in ultraviolet-shielding capacity.

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