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Blended thin films of tris-(8-hydroxyquinoline) aluminium (Alq_3) embedded in polymethyl methacrylate (PMMA) and polystyrene (PS).

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Alq_3 is widely used in organic light emitting diodes (OLEDs) as emission and electron transport layer. During the fabrication of OLEDs the current trend is to use solution-processing; however, Alq_3 must be vacuum deposited. One possible way to overcome this problem is to use different polymers containing the Alq_3 . In this study blended thin films of Alq_3 embedded in PMMA and PS matrices at different molar concentration ranging from 0.5

Level (Hons, MSc, PhD, other)?

PhD

Consider for a student award (Yes / No)?

Yes

Would you like to submit a short paper for the Conference Proceedings (Yes / No)?

Yes

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