STUDIES ON PROPERTIES AND APPLICATIONS OF MEMBRANES OBTAINED BY RADIATION GRAFTING

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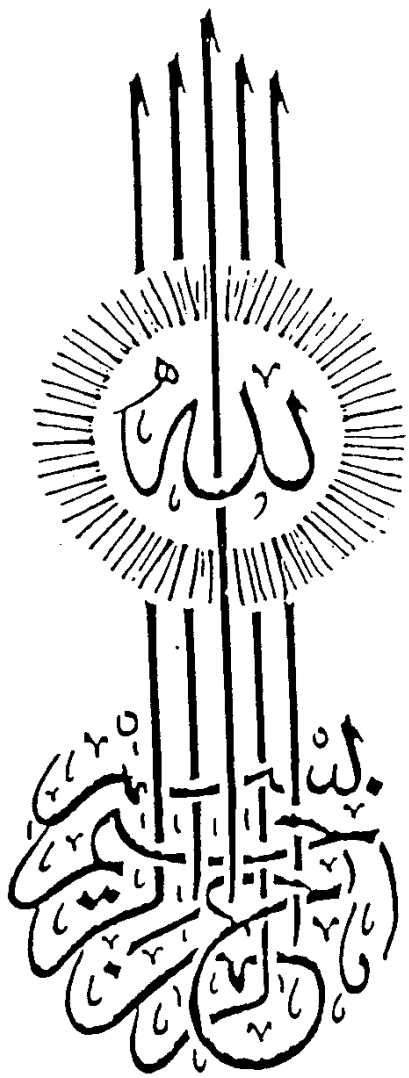

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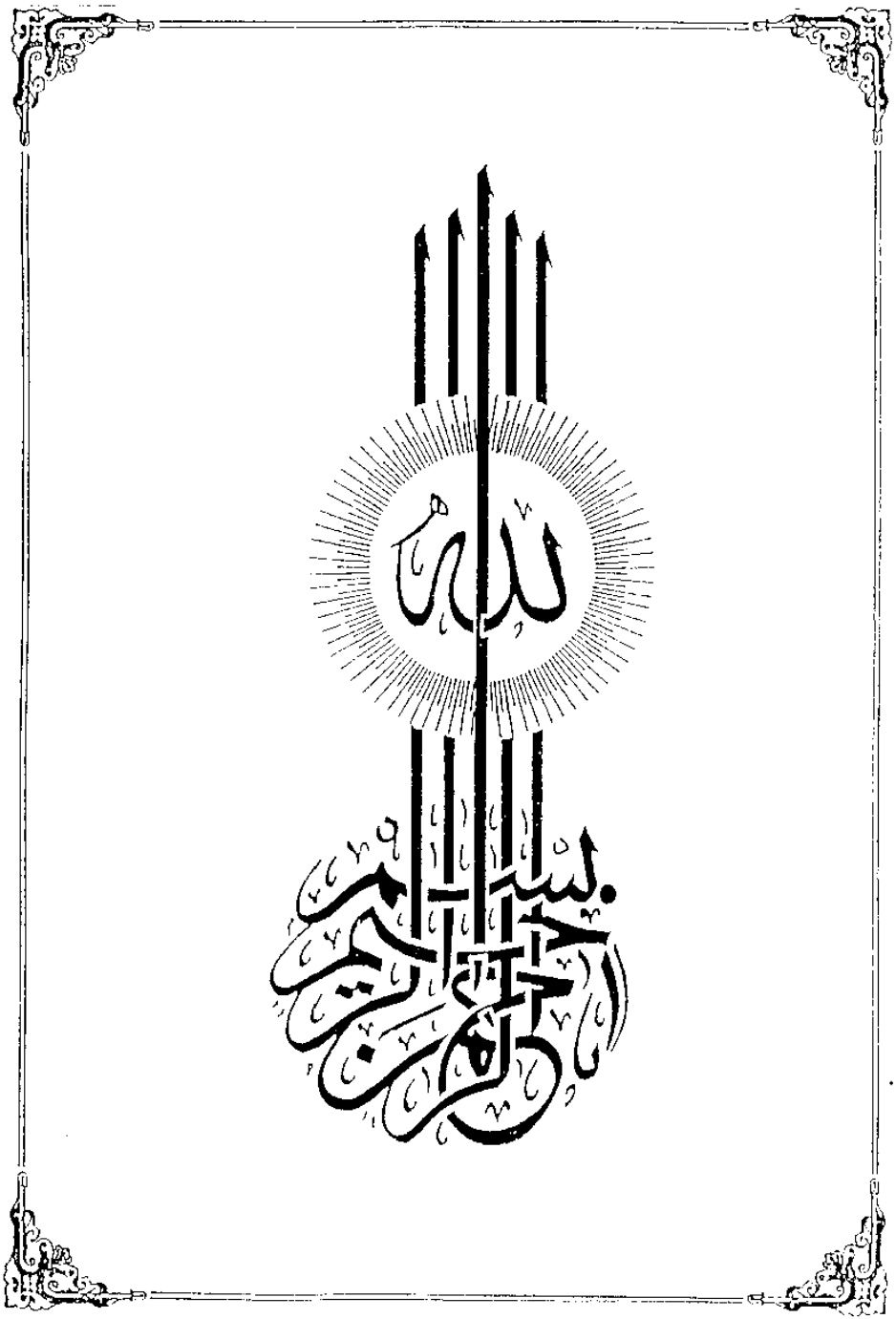

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ABSTRACT

Grafting of acrylic acid and (AAc) 2-hydroxy ethyl methacrylate (HEMA) and their binary mixtures onto low density polyethylene and polypropylene films was carried out using γ-irradiation. The parameters affecting the graft yield were studied and the characteristics of obtained grafted films were evaluated. Besides, Possible biomedical application of the grafted films was discussed.

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