

GMA 에 의한 PP 섬유 의 그라프팅 과 그 염색 성

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Graft polymerization of glycidyl methacrylate on polypropylene fabric was carried out by initiating with benzoyl peroxide.

Graft polymerization was performed in emulsion under the atmosphere the graft yield was measured. And it was studied that the effect of mixing ratio of surfactants-sodium lauryl sulfate(anionic surfactant) and Triton X-100(nonionic surfactant).

The reaction of PP-g-GMA with monoethanolamine was carried in DMF 60°C.

Grafted polypropylene was dyed by disperse dye without using a carrier at 100°C and monoethanolamine treated PP-g-GMA was dyed by acid dye.