

عنوان مقاله:

Studies of biodegradation of the polyethylene (LLDPE& LDPE) blend containing oxo prooxidant

محل انتشار:

همایش ملی نانو فناوری و شیمی سبز (سال: 1391)

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خلاصه مقاله:

Nowadays, plastics play an important role in our life. Polyethylene film have exceptional mechanical properties and reasonable cost caused is among plastic high consumption especially can be used in packaging industries the widespread use of polyethylene in societies The degradation time of polyethylene is very slow cause major pollution problems in environment and landfills. First, by adding oxo prooxidant accelerate biodegradation of blend, the degradation was monitored by changing morphology of blend with scanning electron microscopy (SEM), the rate of degradation was indicated by loss weight test. The measurement were preferred before and after degradation at 1 month interval for 3 month .The result showed that biodegradation

کلمات کلیدی:

Biodegradation; Polyethylene; Oxoprooxidant

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