

## عنوان مقاله:

Preparation of PET/PBT Block Copolymer by Solid State Polymerization

## محل انتشار:

یازدهمین سمینار بین المللی علوم و تکنولوژی پلیمر (سال: 1393)

تعداد صفحات اصل مقاله: 2

## نویسندگان:

Masome afzali - Nano and Smart Polymer Center of Excellency, Dept. of Polymer Eng. & Color technology, Amirkabir University of Technology, P.O. Box 15875-4413, Tehran, IRAN

mehdi rafizadeh - Nano and Smart Polymer Center of Excellency, Dept. of Polymer Eng. & Color technology, Amirkabir University of Technology, P.O. Box 15875-4413, Tehran, IRAN

## خلاصه مقاله:

This paper considers the preparation of the block co-polymer of poly(ethylene terephthalate) and Poly(butylenes terephthalate). PBT/PET block copolymers were prepared using solid state polymerization and crystallization behavior was studied. The final product of conventional solution to melt polymerization techniques is random co-polymer so we use the solid state polymerization technique to obtain block co-polymer as final product

## کلمات کلیدی:

Solid state polymerization (SSP), PET/PBT block copolyester, Polycondensation

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/578712>

