

## عنوان مقاله:

Effect of dispersion of nano aluminium oxide on mechanical and thermal properties of cast epoxy composites

## محل انتشار:

دهمین سمینار بین المللی علوم و تکنولوژی پلیمر (سال: 1391)

تعداد صفحات اصل مقاله: 2

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## خلاصه مقاله:

Nowadays, presence of nano particles plays an essential role in high-tech polymeric devices. Nano aluminium oxide which is a hard spherical material with high stiffness and significant thermal conductivity has capability to improve thermal and mechanical properties of the nano composite. Lots of studies have been done on epoxy/nano aluminium oxide systems; however, the relation between dispersion of nanoparticles and specific properties of nanocomposites has not still comprehended thoroughly. The objective of this study is to investigate the effect of nano alumina on mechanical and thermal characteristics of nano epoxy composites filled with different weight percent of nano aluminium oxide

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/579980>

