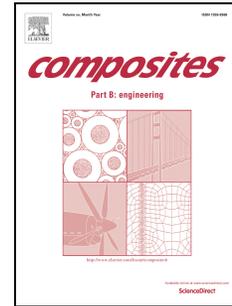


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1 **Enhanced thermal conductivity of polymer composites via hybrid fillers of**
2 **anisotropic aluminum nitride whiskers and isotropic spheres**

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15

16 **ABSTRACT**

17 Anisotropic aluminum nitride (AlN) whiskers and isotropic spheres were studied as hybrid
18 fillers in epoxy and polyvinylidene fluoride (PVDF) matrices to enhance the thermal
19 conductivity of polymer composites. Polymer composites with hybrid fillers in various volume
20 ratios of AlN whiskers to spheres were prepared. The epoxy composite reached a maximum

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