



Magnetic Polymer Composites: Obtaining, Properties and Application

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Message from the Guest Editor

Dear Colleagues,

Today, polycrystalline, monocrystalline and amorphous magnetic materials have almost completely exhausted themselves and no longer satisfy the needs of developers. Composite magnetic materials can be a good alternative. Of the great variety of magnetic composites, those with the fastest pace are currently magnetic polymer composites (MPCs). MPCs are used as magnetic media for spintronics and memory devices, as photochromic magnetic materials, radio-absorbing materials, magnetostrictive materials, magnetoplastics and magnetoelasts, dampers, and others.

In this Special Issue titled "Magnetic Polymer Composites. Obtaining, Properties and Application", the methods of obtaining magnetic polymer composites, the modification of their properties and structure by the influence of electric and magnetic fields, and the modeling of these polymer materials are considered.

Dr. Vladimir Kostishyn
Guest Editor





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