



TECHNOLOGY

Diblockcopolymer Based Multiferroic

OVERVIEW

Researchers at the University of Maryland have developed a diblock copolymer that improves upon self-organized single-phase inorganic structures by synthesizing a two-phase inorganic nano-composite via the templating of two separate inorganic phases from two sol/gel precursors.

The method employed is applicable to the synthesis of any two-phase inorganic composite. In addition, the Multiferroic compounds possess ferromagnetic, ferroelectric and magnetoelectric characteristics that are equally tunable over a wide range of parameters.

For additional information, please contact the Office of Technology Commercialization, University of Maryland College Park, via e-mail at otc@umd.edu or phone at 301-405-3947.

CONTACT INFO

UM Ventures
0134 Lee Building
7809 Regents Drive
College Park, MD 20742
Email: umdtechtransfer@umd.edu
Phone: (301) 405-3947 | Fax: (301) 314-9502

Additional Information

INSTITUTION

University of Maryland, College Park

LICENSE STATUS

Contact OTC for licensing information

CATEGORIES

- Materials

EXTERNAL RESOURCES

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