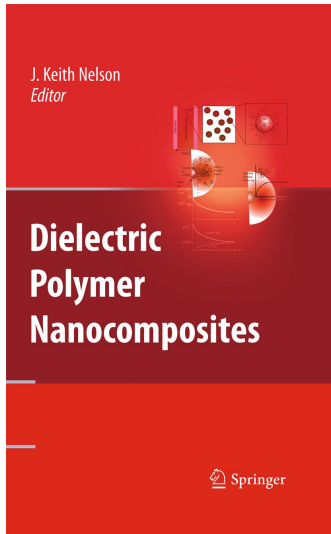


J.K. Nelson, Rensselaer Polytechnic Institute, Troy, NY, USA (Ed.)

## Dielectric Polymer Nanocomposites

Dielectric Polymer Nanocomposites provides the first in-depth discussion of nanodielectrics, an emerging and fast moving topic in electrical insulation. The text begins with an overview of the background, principles and promise of nanodielectrics, followed by a discussion of the processing of nanocomposites and then proceeds with special considerations of clay based processes, mechanical, thermal and electric properties and surface properties as well as erosion resistance. Carbon nanotubes are discussed as a means of creation of non linear conductivity, the text concludes with a industrial applications perspective.... *more on <http://springer.com/978-1-4419-1590-0>*

- ▶ Discusses the background, principles and importance of nanodielectric composites
- ▶ Offers detailed coverage of the processing of nanocomposites
- ▶ Discusses the physical and chemical nature of polymers
- ▶ Provides a summary and review of all one needs to know about nanodielectric polymers
- ▶ Includes complete coverage of nanodielectric composites such as cryogenic applications, high voltage stress grading materials and applications in the capacitor industry



2010. XX, 380 p. Hardcover

- ▶ **129,95 €**
- ▶ **\$169.00**
- ▶ **SFr. 202.00**
- ▶ **£117.00**

ISBN 978-1-4419-1590-0

### Order Now!

Yes, please send me \_\_\_\_\_ copies

"Dielectric Polymer Nanocomposites"  
ISBN 978-1-4419-1590-0

Methods of Payment     Check/Money Order enclosed     AmEx     MasterCard     VISA

Card No.

Exp. Date

Please send orders to:

Outside the Americas:

Springer  
Order Department  
PO Box 2485  
Secaucus, NJ 07096-2485  
USA

Springer  
Customer Service Center GmbH  
Haberstrasse 7  
69126 Heidelberg  
Germany

- ▶ **Call toll-free** 1-800-SPRINGER  
8:30 am – 5:30 pm ET
- ▶ **Fax your order to** (201) 348-4505
- ▶ **Web** [springer.com](http://springer.com)
- ▶ **Email** [orders-ny@springer.com](mailto:orders-ny@springer.com)

- ▶ **Call:** + 49 (0) 6221-345-4301
- ▶ **Fax:** +49 (0) 6221-345-4229
- ▶ **Web:** [springer.com](http://springer.com)
- ▶ **Email:** [orders-hd-individuals@springer.com](mailto:orders-hd-individuals@springer.com)

Name
Address
Street Address
(Sorry, we cannot deliver to P.O. boxes)
City / State / ZIP-Code
Country
Telephone / Email
Date ✕
Signature ✕

CA, MA, NJ, NY, and PA residents, please add sales tax. Canadian residents, please add 5% GST. Please add \$5.00 for shipping one book and \$1.00 for each additional book. Outside the US and Canada add \$10.00 for first book, \$5.00 for each additional book. All orders are processed upon receipt. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent. Remember, your 30-day return privilege is always guaranteed. Pre-publication pricing: Unless otherwise stated, pre-pub prices are valid through the end of the third month following publication, and therefore are subject to change.

All € and £ prices are net prices subject to local VAT, e.g. in Germany 7% VAT for books and 19% VAT for electronic products. Pre-publication pricing: Unless otherwise stated, pre-pub prices are valid through the end of the third month following publication, and therefore are subject to change. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. Please consult [springer.com](http://springer.com) for information on postage.