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Oxana Vasilievna Kharissova
Leticia Myriam Torres-Martínez
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Handbook of Nanomaterials and Nanocomposites for Energy and Environmental Applications

 Springer

Oxana Vasilievna Kharissova • Leticia
Myriam Torres-Martínez • Boris Ildusovich
Kharisov
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Handbook of Nanomaterials and Nanocomposites for Energy and Environmental Applications

With 1329 Figures and 303 Tables

 Springer



Carbon-Fiber Composites: Development, Structure, Properties, and Applications

Sefiu Adekunle Bello, Sunday Wilson Balogun,
Suleiman Danjuman Daudu, and Aisha Mayowa Akintola

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Abstract

Carbon fibers are stiff and possess high strength comparable with that of high-strength steel. They are embedded in a ductile low-strength material which binds them together to form a carbon fiber composite. Improved properties are developed from a blend of the carbon fibers and the matrix material which are not achievable from each component used individually. Carbon fiber composites

S. A. Bello (✉) · S. W. Balogun · S. D. Daudu · A. M. Akintola
Department of Materials Science and Engineering, Kwara State University, Malete, Nigeria
e-mail: sefiu.bello@kwasu.edu.ng; sunday.balogun@kwasu.edu.ng;
suleiman.daudu@kwasu.edu.ng; aisha.akintola@kwasu.edu.ng

© Springer Nature Switzerland AG 2026
O. V. Kharissova et al. (eds.), *Handbook of Nanomaterials and Nanocomposites for Energy and Environmental Applications*,
https://doi.org/10.1007/978-3-030-11155-7_86-2