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Damage to composites is often hidden to the eye. Where a metal structure will show a “dent” or “ding” after being damaged, a composite structure may show no visible signs of damage, and yet may have delaminated plies or other damage within. Impact energy affects the visibility, as well as the severity, of damage in composite

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A. Forghani, ... R.
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Materials, 2015. 6.5.4

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damage model. The
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(CODAM) introduced by Williams et al. (2003) is a macroscale model that uses a repeating unit of the laminate or sublaminates as its building block. This macroscopic scale of resolution is required to account for the damage ...

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Dear Colleagues,
Polymer composites

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have become the fastest growing and most widely used materials in the aerospace industry. Recent advances in the understanding of the mechanical and physical behaviors of polymer composite materials and structures govern the development of constitutive damage models, computational approaches, and novel experimental methods.

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Special Issue **"Damage Mechanics** **of Polymer** **Composites"**

Volume 5 supersedes MIL-HDBK-17-5 of June 17, 2002. Volume 6 is an update to the cancelled Military Handbook 23, which was prepared for use in the design of structural sandwich polymer composites, primarily for flight vehicles.

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**Composite Materials
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1, 2, 3, 4, 5 and 6

Chapter 5 describes observations of damage from notches in composite laminates and puts forward some pragmatic modelling ideas for a complex damage configuration. The next two chapters form the bulk of the micromechanics approach in this volume. The first one deals with

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microcracking and the
other with interfacial
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materials.

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To further compare the
degree of damage in
the braided
composites, the
volume of removal

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failure units was obtained from the FEM. As shown in Fig. 11 (d), the KaCb series have the best damage toughness and the failure unit volumes of the KaCb series are the smallest, at 40 mm^3 and 99 mm^3 at 2 m/s and 6 m/s , respectively.

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Zang W. and
Gudmundson P.,
1993b, "Damage
evolution and
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composite laminates”,
Int. J. Damage
Mechanics, Vol. 2,
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S. and Gudmundson P.,
1992, “Numerical
analysis of matrix
crack induced
delaminations in
(+1-55) GFRP
laminates”,
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geometries could not
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1, 2011 / pp. 78-88

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Progressive damage modeling of porous composite materials

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5.2.1 To establish

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quantitatively the effects of stacking sequence, fiber surface treatment, variations in fiber volume fraction, and processing and environmental variables on the damage resistance of a particular composite laminate to a concentrated drop-weight impact force or energy.

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particles.

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Composite repair
specifics really have to
be determined on a
case-by-case basis.

Basic Repair Process.

The very basic
fundamentals of
composite repair
include the following
steps: Inspect to
assess damage (extent

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(and degree) Remove
damaged material;
Treat contaminated
material; Prepare
repair area; Complete
composite repair

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