

The Global Market for Nanomaterials in Adhesives 2021-2031

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Abstracts

Nanomaterials are opening up major opportunities for material reinforcement, electrical & thermal conductivity in adhesives. The Global Market for Nanomaterials in Adhesives addresses commercial formulations, providing a comprehensive view on latest application, performance claims & opportunities. Adhesives incorporating nanomaterials are mainly found in the construction, engineering, electronics, automotive and aerospace/aviation sectors.

Nanoscale materials incorporated into fillers, rheological modifiers and coupling agents provide adhesives with improved properties such as increased strength and flexibility, conductivity, rheological control, flame resistance, high temperature tolerance and improved durability and recyclability.

Report contents include:

Assessment of nanomaterials potential for adhesives (electrical & thermal conductivity, structural reinforcement).

What's key for nanomaterials performance & what can limit their effect.

Assessment of adhesive markets where the use of nanomaterials is accelerating.

Opportunities for commercial success.

Profiles of 27 companies developing adhesive products with nanomaterials.

The market study covers the use of nanomaterials in the following adhesive end user markets:

Polyurethane adhesives.

Aerospace & aviation.

Composites.

Electronics.

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