

An Overview of Nano-Particles Effect on Mechanical Properties of Composites

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Abstract : Composites depending on the nature of their constituents and mode of production are regarded as one of the advanced materials that drive today's technology. This paper attempts a short review of the subject matter with a general aim of pushing to the next level the frontier of knowledge as it impacts the technology of nano-particles manufacturing. The objectives entail an effort to; aggregate recent research efforts in this field, analyse research findings and observations, streamline research efforts and support industry in taking decision on areas of fund deployment. It is envisaged that this work will serve as a quick hand-on compendium material for researchers in this field and a guide to relevant government departments wishing to fund a research whose outcomes have the potential of improving the nation's GDP.

Keywords : advanced materials, composites, mechanical properties, nano-particles

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