

عنوان مقاله:

Properties and characteristics of graphene in the construction industry

محل انتشار:

سومین کنفرانس بین المللی عمران، معماری و فناوری اطلاعات در زندگی شهری (سال: 1403)

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خلاصه مقاله:

Graphene is an extraordinary material known for its exceptional strength, electrical conductivity, thermal conductivity and flexibility. When incorporated into conventional materials such as concrete, steel and asphalt, it significantly improves their mechanical properties, durability and safety. This article looks at the properties and characteristics of graphene in the construction industry and provides a comprehensive basis for understanding the current state of knowledge in this field. The aim of this study is to promote sustainable development in Iran by examining various scientific studies on the introduction of new technologies in the construction industry

کلمات کلیدی:

Graphene, construction, building materials, sustainable development

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