

The Global Market for Carbon Foam

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Abstracts

Carbon foams are materials with a porous structure consisting mainly of macropores, which have a high specific area, light weight, electrical conductivity, high thermal insulation and thermal stability. They are currently applied as adsorbents, electrodes, catalyst supports, thermal insulators at high temperatures etc. Carbon foams can be formed from existing carbon powders such as graphite, graphene and carbon nanotubes in combination with a polymer binder. In other cases, carbon foams or carbon aerogels are formed from polymeric precursors which are then pyrolyzed in an inert atmosphere.

Report contents include:

Analysis of carbon foam types, properties and production.

Markets and applications for carbon foams. Markets covered include Thermal management, Adsorbents, Batteries, Supercapacitors, Electromagnetic interference shielding, Catalyst support and sensors.

Global revenues to 2033, by market and region.

Profiles of 19 companies. Companies profiled include CFOAM Ltd., Koppers Inc., LIGC Application and Sumteq GmbH.

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