

# 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.

## Contents

### **1 THE ADVANCED CARBON MATERIALS MARKET**

### **2 CARBON FOAM**

#### 2.1 Types

- 2.1.1 Graphite foams
- 2.1.2 Graphene foams
- 2.1.3 Carbon nanotube foams
- 2.1.4 Carbon aerogels
  - 2.1.4.1 Carbon-based aerogel composites
- 2.1.5 Mxene foam

#### 2.2 Properties

#### 2.3 Production

### **3 THE CARBON FOAM MARKET**

#### 3.1 Market drivers

#### 3.2 Applications

- 3.2.1 Thermal management
- 3.2.2 Adsorbents
- 3.2.3 Energy storage
  - 3.2.3.1 Batteries
  - 3.2.3.2 Supercapacitors
- 3.2.4 Electromagnetic interference shielding
- 3.2.5 Catalyst support
- 3.2.6 Sensors

#### 3.3 Global revenues 2018-2033 (millions USD)

- 3.3.1 By market
- 3.3.2 By region

### **4 COMPANY PROFILES 28 (19 COMPANIES)**

### **5 RESEARCH METHODOLOGY**

### **6 REFERENCES**

## List Of Tables

### LIST OF TABLES

Table 1. The advanced carbon materials market.

Table 2. Properties of carbon foam materials.

Table 3. Market drivers for carbon foam.

Table 4. Applications of carbon foams.

Table 5. Global revenues for carbon foam, by market, 2018-2033 (millions USD).

Table 6. Global revenues for carbon foam, by region, 2018-2033 (millions USD).

## List Of Figures

### LIST OF FIGURES

Figure 1. Schematic of typical microstructure of carbon foam: (a) open-cell, (b) closed-cell.

Figure 2. CFOAM production process.

Figure 3. Global revenues for carbon foam, by market, 2018-2033 (millions USD).

Figure 4. Global revenues for carbon foam, by region, 2018-2033 (millions USD).

Figure 5. CFOAM® vitreous carbon foam.

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