

Global Markets for Emerging Materials in Aerospace

<https://marketpublishers.com/r/G73EB0DBD1F1EN.html>

Date: June 2020

Pages: 201

Price: US\$ 2,750.00 (Single User License)

ID: G73EB0DBD1F1EN

Abstracts

REPORT SCOPE:

This study reviews the following technology categories, along with relevant market and production information, technological descriptions and issues, and key applications and major market factors. This report organizes technologies into the following segments -

Advanced steel alloys.

Advanced aluminum alloys.

Titanium alloys.

Superalloys.

Composites: carbon fiber reinforced polymer.

Ceramic matrix composites.

Advanced adhesives.

The following applications for emerging aerospace materials are also examined, with market breakdowns for each by region with select countries -

Commercial passenger aircraft.

Commercial transport aircraft (for cargo).

General aviation.

Helicopters.

Defense industry and government.

Commercial space industry.

REPORT INCLUDES:

62 tables

Industry analysis of the global markets for emerging materials in aerospace within the industry

Analyses of global market trends, with data from 2019, estimates for 2020, and projections of compound annual growth rates (CAGRs) through 2025

Characterization and quantification of market potential for emerging materials in aerospace by material type, technology category, end use application and geographical region

Regional dynamics of the emerging materials market covering North America, Europe and APAC along with country-specific data and analysis for U.S., Canada, France, Germany, U.K., India, China, Japan etc.

A look at the industry driven underlying markets, government regulations, and technology updates

Patent analysis for emerging materials in the global aerospace industry

Examination of vendor landscape and discussion of key companies dealing in emerging materials, including, 3M Co., BASF, Donacasters Group, H. C. Stark, and Mitsubishi Heavy Industries

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ALLEGHENY TECHNOLOGIES INC.

A.M. CASTLE & CO.

AMETEK SPECIALTY METAL PRODUCTS

ARCONIC POWER AND PROPULSION

AUBERT & DUVAL USA

AVIC BIAM

AVIC GUIZHOU ANDA AVIATION FORGING

AVIO

BAOSHAN IRON & STEEL CO., LTD.

BASF

BEIJING BEIYE FUNCTIONAL MATERIALS CORP.

BEIJING CISRI-GAONA MATERIALS & TECHNOLOGY CO.

CANNON MUSKEGON GROUP

CARPENTER TECHNOLOGY CORP.

CHANGCHENG SPECIAL STEEL CO., LTD.

CRUCIBLE INDUSTRIES LLC

DONCASTERS GROUP

EXONE CO. (THE)

FORT WAYNE METALS

FUSHUN SPECIAL STEEL CO.

GFE - AMG TITANIUM ALLOYS & COATINGS

HAYNES INTERNATIONAL

H.C. STARCK

HIGH PERFORMANCE ALLOYS INC.

HITACHI METALS MMC SUPERALLOY LTD.

HMI METAL POWDERS

HONGYUAN AVIATION FORGING CO.

KENNAMETAL INC.

LANGLEY ALLOYS

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