

# Ballistic Composites Market Size 2022-2027: Global Industry Trends, Share, Growth, Opportunity and Forecast

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STE R SHERIDAN, WYOMING, UNITED STATES, May 25, 2022

/EINPresswire.com/ -- According to IMARC Group's latest report, titled "[Ballistic Composites Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027](#)", the global market reached a value of US\$ 1.5 Billion in 2021. Ballistic composites represent high-

performance fibers capable of absorbing the shock and impact energy caused by explosions. They comprise of layered structural composites with polymer matrix reinforced with glass, carbon, para-aramid fibers, etc., for enhanced strength and stiffness. Ballistic composites are generally utilized as raw materials to manufacture helmets, vests, body and vehicle armors, shields, etc. They provide various advantages, including resistance to heat and corrosion, high thermal conductivity, durability, etc. Consequently, ballistic composites find extensive applications across several industries, such as defense, automotive, aviation, aerospace, etc.



Ballistic Composites Market

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The increasing incidences of armed conflicts, violence, terrorism, etc., across the globe are among the primary factors driving the ballistic composites market. Moreover, the rising need for military modernization to improve national security is further catalyzing the market growth. In addition to this, the rapid development of next-generation weaponry systems to support and improve the survivability and efficiency of the troops is also bolstering the market growth. Furthermore, ballistic composites are gaining traction in the ground, air, and marine vessels to increase combat efficiencies against external and overhead artillery and machine gunfire, which

is acting as another growth-inducing factor. Besides this, the launch of lightweight, comfortable, and user-friendly variants to offer enhanced protection against ballistic threats, such as bullets and flying debris, is expected to propel the ballistic composites market in the coming years. Looking forward, IMARC Group expects the ballistic composites market to reach US\$ 2.1 Billion by 2027, exhibiting a CAGR of 5.87% during 2022-2027.

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As the novel coronavirus (COVID-19) crisis takes over the world, we are continuously tracking the changes in the markets, as well as the industry behaviors of the consumers globally and our estimates about the latest market trends and forecasts are being done after considering the impact of this pandemic.

Competitive Landscape with Key Players:

BAE Systems plc  
Barrday Inc.  
Gaffco Ballistics Inc.  
Gurit Holding AG  
Honeywell International Inc.  
II-VI Incorporated  
Koninklijke DSM N.V.  
Koninklijke Ten Cate B.V.  
MKU Limited  
Morgan Advanced Materials  
PRF Composite Materials  
Southern States LLC and Teijin Limited.

Market Segmentation:

Breakup by Fiber Type:

Aramids  
Ultra-High Molecular Weight Polyethylene (UHMWPE)  
S-Glass  
Others

Breakup by Matrix Type:

Polymer Matrix Composite (PMC)  
Ceramic Matrix Composite (CMC)  
Metal Matrix Composite (MMC)

## Breakup by Application:

Armor  
Helmets and Face Protection  
Others

## Breakup by Region:

North America  
United States  
Canada  
Asia-Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

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Note: We are updating our reports, If you want the report with the latest primary and secondary data (2022-2027) including industry trends, market size and Competitive landscape, etc. Click request free sample report, published report will be delivered to you in PDF format via email within 24 to 48 hours.

Key highlights of the report:

Market Performance (2016-2021)  
Market Outlook (2022-2027)  
Market Trends  
Market Drivers and Success Factors  
Impact of COVID-19  
Value Chain Analysis  
Comprehensive mapping of the competitive landscape

If you need specific information that is not currently within the scope of the report, we will provide it to you as a part of the customization.

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