

# News Release

July 10, 2024  
Proterial, Ltd.

## Proterial Receives Certificate of Appreciation from Japan Aerospace Exploration Agency (JAXA) for Contribution to Successful Launch of the Second H3 Launch Vehicle

Proterial, Ltd. has received a certificate of appreciation from the Japan Aerospace Agency, a national research and development agency, for fulfilling a significant role in the successful launch of the second H3 Launch Vehicle by its contribution to the development of a high-robustness nickel-based forged material for the rocket's turbopumps and a copper alloy for the combustion chamber during the development the H3 Launch Vehicle.



Certificate of appreciation



Launch of the Second H3 Launch Vehicle (presented by JAXA)

The H3 launch vehicle is a next-generation large-scale flagship rocket that JAXA is developing jointly with various companies. It is being developed to be the successor to the H-2A rocket that is currently in operation with a view to ensuring that Japan continues to have a means of transportation to space.

Proterial has been engaging in the production of materials for applications in a range of areas including aircraft engines that require very high level technology, quality and management, while also handling materials for rockets that similarly require advanced technology, quality and management. Against this background, it participated in the development of the H3 rocket, starting from the material development stage, and the materials developed by Proterial were used in the second H3 Launch Vehicle. In light of the successful launch of the second H3 Launch Vehicle, Proterial has received a certificate of appreciation from JAXA for fulfilling a significant role by contributing to the development of a nickel-based forged material used in the turbopump, which provides hydrogen and oxygen to the rocket's combustor, and a copper alloy used in the combustion chamber.

In addition, the third H3 Vehicle, which was successfully launched on July 1, 2024, also uses materials developed by Proterial. By continuing to participate in the development of rockets going forward, Proterial will contribute so that Japan can lead the world in the production of rockets.

Media Inquiries: Corporate Communications Dept.

[https://www.cntct.proterial.com/contact/publish/inquiry\\_eng?g=01&c=001-01](https://www.cntct.proterial.com/contact/publish/inquiry_eng?g=01&c=001-01)

Customer Inquiries: [https://www.cntct.proterial.com/contact/publish/inquiry\\_eng?g=01&c=004](https://www.cntct.proterial.com/contact/publish/inquiry_eng?g=01&c=004)

### Proterial, Ltd.

Toyosu Prime Square, 5-6-36 Toyosu, Koto-ku, Tokyo 135-0061, Japan  
[www.proterial.com/e](http://www.proterial.com/e)

## ■About PROTERIAL

# PROTERIAL

“Proterial” reflects the essence of our corporate philosophy, which consists of three elements: Mission: “Make the best quality available to everyone;” Vision: “Leading sustainability by high performance;” and Values: “Unfaltering integrity” and “United by respect.” It combines “**pro-**” with the word “**material.**”

“Pro-” represents our “three pros”:

- **Professional — work that exceeds expectations**
- **Progressive — a spirit that keeps challenging**
- **Proactive —an enterprising attitude**

“Material” refers to the high-performance materials that our original technologies produce and underpinned by the three pros. With our focus on solving customer issues and bringing new levels of value, we promise to contribute to the realization of a sustainable society through the products and services that embody our philosophy.

## ■Proterial, Ltd. — Company Overview

Established: April 1956

Head office: Toyosu Prime Square, 5-6-36 Toyosu, Koto-ku, Tokyo 135-0061, Japan

Capital: 310 million yen (as of March 31, 2024)

Representative: Sean M. Stack

Representative Director, Chairman, President and Chief Executive Officer (CEO)

Sales revenue: 1,033.2 billion yen (Term ended March 2024)

History: 1910: Founded as Tobata Foundry Co.

1937: Merged with Hitachi, Ltd.

1956: Established separately as Hitachi Metals Industries, Ltd.

2023: Company separated from the Hitachi Group, and renamed from Hitachi Metals, Ltd. to Proterial, Ltd.

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