

October 15, 2024

Sumitomo Metal Mining Wins “Best of the Best” at Red Dot Award: Design Concept 2024

The Winning Product is DOWN-LESS DOWN JACKET, a Prototype of SOLAMENT

Sumitomo Metal Mining Co., Ltd. (TSE: 5713) is pleased to announce that the company's DOWN-LESS DOWN JACKET, an apparel prototype of solar-smart material SOLAMENT™, won a “Best of the Best” at the Red Dot Award: Design Concept 2024, one of the world's largest design competitions hosted by the Design Zentrum Nordrhein Westfalen.

SOLAMENT is a material technology made of near-infrared-ray-absorbing nanoparticles, patented worldwide by Sumitomo Metal Mining. Leveraging SOLAMENT's property of converting Near-Infrared Rays in sunlight into heat, the company is strengthening SOLAMENT expansion to apparel and agriculture industry.

DOWN-LESS DOWN JACKET is the prototype to showcase the functional and brand aspects of SOLAMENT. This down jacket features a hollow structure devoid of any down feathers. By harnessing the light-to-heat transformation properties of SOLAMENT in the fabric, the material itself generates heat, achieving an unimaginable level of warmth beyond what is discernible from its appearance.

Sumitomo Metal Mining will utilize this award-winning to accelerate the activities for SOLAMENT to illuminate new possibilities in new areas.

The collaboration with Droga5 Tokyo, part of Accenture Song, and fashion designer Kosuke Tsumura has resulted in the jacket.



reddot winner 2024
best of the best

For further information, please visit to the following pages.

The page to feature DOWN-LESS DOWN JACKET in the Red Dot Award website:

<https://www.red-dot.org/project/down-less-down-jacket-72266>

SOLAMENT website:

<https://crossmining.smm.co.jp/solament/en/>

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Please contact from the inquiry form: <https://www.smm.co.jp/en/contact/>