

ISHIHARA SANGYO Launches LUSHADE®BLACK,an Ultra-Low Reflectance Structural Pigment That Absorbs Over 99% of VisibleLight

JAPAN, August 20, 2025

/EINPresswire.com/ -- ISHIHARA SANGYO KAISHA, LTD. has established full-scale production of LUSHADE® BLACK—an ultra-low reflectance black pigment that absorbs over 99.0% of visible light—and is now ready to expand its sales into global market.

LUSHADE® BLACK is an ultra-low reflectance structural black pigment that absorbs more than 99.0% of visible light.

This exceptional optical property helps suppress stray light and enhances the appearance of optical devices.

Additionally, its infrared reflectivity enables the formulation of black coatings that reflect infrared light. When used in coatings, it also helps suppress surface temperature rise.

LUSHADE® BLACK is a bismuth sulfide black pigment featuring a surface structure resembling sea urchin spines.

This structure enables the pigment to absorb more than 99.0% of visible



ISHIHARA SANGYO_Paint LUSHADE® BLACK



LUSHADE® BLACK on aluminum foil

light, resulting in an ultra-black pigment with extremely low reflectance. Moreover, it reflects infrared light, making it suitable for infrared-reflective black coatings. It also effectively suppresses surface temperature rise, helping to reduce heating of the coated surface. With these properties, LUSHADE® BLACK is expected to find applications in the following areas.

Black Coating for Optical Lens Edges

Utilizes its low reflectance to prevent stray light for improved optical performance.

Low-Reflectance Coating Inside Camera Modules

Reduces internal reflections, contributing to clear and sharp image quality.

Infrared-Reflective Black Coatings

Suitable for use in infrared-reflective black coatings for infrared-based devices, such as LiDAR, and for reducing surface temperature rise.

LUSHADE® BLACK is expected to become a key material that supports next-generation optical technologies across a wide range of industries.

A dedicated product site with detailed information is now available.

Product site: <https://www.iskweb.co.jp/eng/products/lushadeblack/>

LUSHADE is a registered trademark of ISHIHARA SANGYO KAISHA, LTD. in Japan.

Company Profile

Company Name: ISHIHARA SANGYO KAISHA, LTD.

Head Office: 1-2-1 Edobori, Nishi-ku, Osaka, Japan

Established: 1920

Listed: Tokyo Stock Exchange Prime Market (Ticker: 4028)

Business Fields: Titanium Oxide, Functional Materials, Agrochemicals, Pharmaceuticals, Animal Health Products

Corporate Website: <https://www.iskweb.co.jp/eng/>

Ryosuke Nakatani

Functional Color Materials Business Division ISHIHARA SANGYO

[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/837271842>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.