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Mitsui Chemicals, Inc.

Mitsui Chemicals Announces April 1 Sales Launch for MR-160DG™ Under Do Green™ Series of Plant-Derived High-Index Lens Materials

New product with Biomass Mark certification from JORA

Mitsui Chemicals, Inc. (Tokyo: 4183; President & CEO: HASHIMOTO Osamu) today announced an April 1 sales launch date for its newest product, MR-160DG™. Boasting a refractive index of 1.60, MR-160DG™ is being added to Mitsui Chemicals' Do Green™ series of plant-derived high-index lens materials. MR-160DG™ has received Biomass Mark certification from the Japan Organics Recycling Association (JORA), which will make this new offering the world's first optical lens material to be sold with Biomass Mark certification and a refractive index of 1.60.



Making use of an unparalleled material known as thiourethane resin, Mitsui Chemicals' MR™ series exhibits characteristics not found in conventional resins. The series is rated highly as an optical lens brand of its own that underpins the superb quality of the world's top brand optical lenses, and is used in many such lenses throughout the world.

Built upon the exceptional optical performance of MR™, the Do Green™ series is thin and light; is safe and resistant to breakage; has lasting appeal; and provides a clear view. Following on from the ultrahigh-index product here that is Do Green™ MR-174™ and its refractive index of 1.74, the new offering from Mitsui Chemicals comes as a mass-market product with a refractive index of 1.60.



Depiction of optical lenses

Mitsui Chemicals declared in November 2020 that it will endeavor to achieve carbon neutrality by 2050. To this end, Mitsui Chemicals is pursuing a carbon neutral strategy based on the two-pronged approach of reducing the Mitsui Chemicals Group's Scope 1 and 2 greenhouse gas emissions while also maximizing the ability of the Group's products to reduce greenhouse gas emissions.

Based on this strategy, Mitsui Chemicals' Vision Care Materials Business aims to flesh out its lineup of Do Green™ products so as to meet various customer needs and provide solutions to social issues, ultimately contributing to a circular society in harmony with the environment.

References:

- Do Green™ product site:

<https://jp.mitsuichemicals.com/en/service/healthcare/vision/dogreen/index.htm>

- MR™ product site:

<https://jp.mitsuichemicals.com/en/special/mr/>