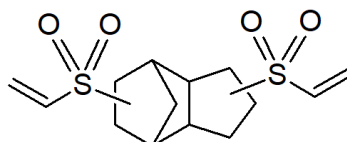


JMTC, JSR and Tokyo Institute of Technology conclude an exclusive licensing agreement for a transparent resin material having a tricyclodecane structure

Japan Material Technologies Corporation (JMTC; Head Office: Chuo-ku, Tokyo; CEO: Koyu Urata) is pleased to announce that JMTC has concluded an exclusive licensing agreement (hereinafter referred to as “the Agreement”) for a transparent resin material having tricyclodecane structure (hereinafter referred to as “the Material”) with JSR Corporation (JSR; Head Office: Minato-ku, Tokyo; Representative Director, President and COO: Nobuo Kawahashi) and the Tokyo Institute of Technology (Tokyo Tech).

The Agreement is subject to bis (vinyl sulfone) tricyclo [5.2.1.0^{2,6}] decane (VSTCD; hereinafter the Monomer) which was found by JSR in the joint research with Professor Emeritus Mituru Ueda and Professor Shinji Ando (School of Materials and Chemical Technology) of Tokyo Tech, as well as polymers that use the Monomer. The Monomer has two sulfone groups and can be used for polymers that have high refractive index and high abbe number. At the same time, the Monomer has a tricyclodecane skeleton, which gives low hygroscopicity, high heat stability and high T_g (glass transition temperature) to polymers that use the Monomer. The unique structure of the Monomer is expected to contribute to the development of new transparent resins that have characteristics such as high refractive index, high abbe number, low hygroscopicity, heat stability and easy formability. JMTC will utilize the exclusive license acquired through the Agreement to supply the monomer to mainly transparent resin materials manufacturers, and realize early commercialization.

<Structure of the Monomer>



JMTC has been engaged in the commercialization of transparent resin materials such as low-chlorine epoxy resin and double-decker silsesquioxane. The company has also been actively engaged in cooperative efforts for technological innovation in the optical electronics field, as seen with the capital participation in KOALA Tech Inc., a startup company that was established from Kyushu University and is engaged in the commercialization of organic semiconductor laser diodes. Market needs for transparent resins used for lenses and prisms intended for high functionality of sensors, cameras and other optical modules are rapidly increasing and diversifying as digitization advances due to IoT developments. JMTC intends to continue actively engaging in commercialization of innovative optical electronics materials.

JMTC is a fabless startup company specializing in the field of materials chemistry such as organic materials, inorganic materials and biochemicals. The company is focused on the use of licensing agreements and carve-outs to commercialize innovative technology developed by Japanese corporations as well as universities and research institutions. JMTC will continue to contribute to creating innovation in the materials industry in Japan by commercializing unutilized technologies developed by corporations.