

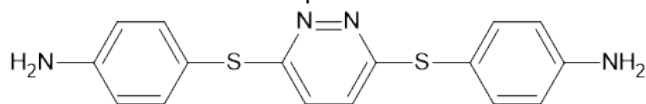
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Japan Material Technologies Corporation

## JMTC begins selling samples of new diamine compound APP

Japan Material Technologies Corporation (Head Office: Chuo-ku, Tokyo; President: Koyu Urata; "JMTC") has begun selling samples of APP, a pyridazine-based sulfur-containing diamine compound. ([Click here](#) for the APP product page)

<Structure and product view of APP>



APP has a high molecular refractive index with its pyridazine skeleton and sulfur atoms, and is a monomer that can provide a high refractive index to polymers such as polyimides. With market needs for materials rapidly expanding and diversifying in response to the trend toward more sophisticated and compact optical modules, such as sensors and cameras, as well as optical communications, APP is expected to be applied to thin-film coating materials such as antireflection coatings, as well as in various optical components such as optical waveguides and microlenses. This project is being commercialized under a non-registered exclusive license agreement with JSR Corporation and the Tokyo Institute of Technology.

JMTC has been working on the industrialization of resin materials with high refractive index, heat resistance, and transparency, and have manufactured and sold materials such as double-decker silsesquioxane DDSQ and VSTCD with tricyclodecane structure. JMTC will continue to be actively involved in the commercialization of innovative optical and electronics materials.

To purchase samples, please contact us through the inquiry form on the JMTC website (<https://www.jmtc.co.jp/en/>).