

March 27, 2017

Zeon Launches a Prototype Service for the Production of Microfluidic Chips

Zeon Corporation

Zeon Corporation (Zeon) (President: Kimiaki Tanaka) has launched a prototype service using transparent thermoplastic cyclo-olefin polymers for the production of microfluidic chips and other crucial, high-demand medical products.

Zeon now offers services for molding prototypes of plastic microfluidic chips and other products that incorporate the outstanding properties of two transparent thermoplastic cyclo-olefin polymers, ZEONEX[®] and ZEONOR[®]. Microfluidic chip products are commonly used in medical examination and diagnosis as well as many rapidly expanding medical fields, such as pharmaceutical design. Aging populations and increased emphasis on preventive medicine in developed countries contribute to the growing need for high-speed, supersensitive devices able to detect a specific target.

ZEONEX[®], ZEONOR[®], and ZeonorFilm[™], an optical film for LCD applications, are highly pliable and transparent and have excellent optical properties, such as low fluorescence, making them suitable for optical and medical packaging applications that require high-precision molding. They are relatively free of impurities and exhibit high chemical inertness, high moisture resistance, low absorption, and low environmental impact making them ideal for DNA/RNA examination devices.

Zeon, a global leader in the plastics industry, has been developing innovative polymers, including synthetic elastomers and specialty chemicals since 1950. Zeon customers benefit from “one-stop” support that includes expert advice on ways of maximizing the physical properties of materials in manufactured products by recommending optimal material grades and product design for specific applications.

For more information, please visit our corporate website.

http://www.zeon.co.jp/business_e/enterprise/speplast/oss.html

For further information

Zeon Corporation, Department of Corporate Communications

Tel: +81-3-3216-2747