

April 12, 2021

Mitsubishi Chemical announces FORZEAS™ that achieves approximately 90% marine biodegradability in a year

Mitsubishi Chemical Corporation

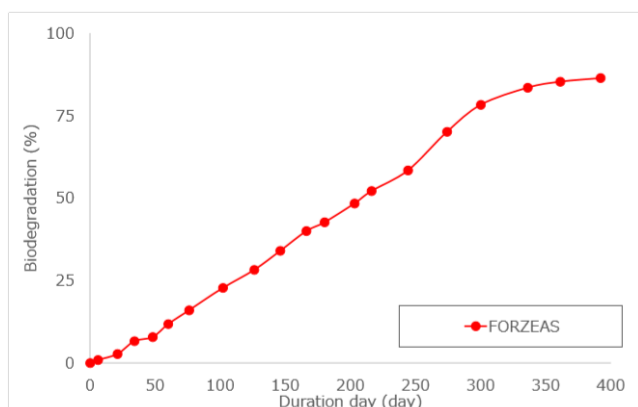
Mitsubishi Chemical Corporation (MCC; Head office: Chiyoda-ku, Tokyo; President: Masayuki Waga) has announced a new achievement for the FORZEAS™ product line. Based on the ISO standard, FORZEAS breaks down by approximately 90% marine biodegradability in a year*.

In addition to excellent marine biodegradability, FORZEAS can be used to make shopping bags that offer strength and performance comparable to bags made of conventional resins.

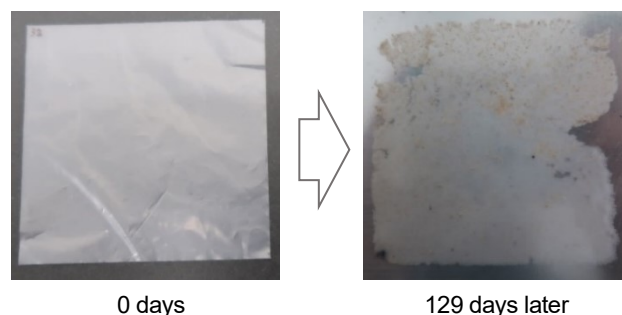
Test Overview

Test method: Third-party test conforming with ISO standards
Target product: Film with thickness of 25 microns produced with FORZEAS (compound resin using BioPBS™)
Result: Approximately 90% marine biodegradation in a year

Rate of marine biodegradation



Film decomposition



Provision of samples: KIRACS Co., Ltd.

Based on this test result, MCC will continue to develop marine biodegradable products and expand the use of FORZEAS and BioPBS in single-use plastic products such as shopping bags and food packaging.

* Test result applies to some product grades only.

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