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PRESS RELEASE

For immediate release

Enmat Y1000P PHBV certified OK compost Home!

Belfeld, The Netherlands -- We are proud to announce that Tianan Biologic's Enmat Y1000P PHBV has been officially certified with the "OK Compost Home" conformity mark by TÜV Austria.

This approval states that the material can be composted at lower, ambient temperatures. This means that the products made with the material ENMAT Y1000P up to 600 microns will be at least 90% degraded within 6 months in home or garden compost.

Tests carried out by OWS in Belgium have resulted in full biodegradation within 75 days at 600 microns (in accordance with ISO 14855-1) and full disintegration in less than 26 weeks in accordance with ISO 20200.

This makes Enmat Y1000P, for a decade and a half available through Helian Polymers, a true compostable material. It has already proven to be a versatile material in use for many applications.

This certification is not based on a single standard, but has been at the basis of various subsequent standards implemented in Australia, France and the EU over the past years.

Tianan Biologic is a biopolymer specialist, focused on the production and application development of polyhydroxy-butyrates-co-valerates (PHBV) and PHB (Polyhydroxy-butyrates). The fermentation facilities are based in Beilun Port, Ningbo City in People's Republic of China, with an annual capacity of 2000 metric tons.

Since the company's establishment in 2000 they have been widely recognized as the largest producer of PHBV. In 2004 they became the first company in the world to have achieved commercial production of PHBV using water-based extraction technology, which has been successfully patented globally since.

Helian Polymers has been active in bioplastics ever since 2007, as well as trading in color concentrates and additives on an international scale. With increased regulatory pressure and social concerns regarding petrochemical based plastics Helian is stepping up its efforts to supply both biobased and biodegradable materials and develop bespoke applications with its customers.

In the summer of 2021 Helian Polymers established PHAradox as its brand for further bioplastics developments. Having the Enmat Y1000P home compostable certified is one of these efforts, as well as having Y1000P as one of its main building blocks to develop PHA based material solutions for a wide range of applications.

For more information: <https://pharadox.com> or sales@helianpolymers.com