

Establishment of a new production facility of permanent antistatic agent in Thailand

Sanyo Chemical Industries, Ltd. (Head office: Higashiyama-ku, Kyoto City; President: Takao Ando) manufactures and sells PELESTAT & PELECTRON products, which are one of its noteworthy products to impart long-lasting antistatic property to plastic resins. Sanyo chemical announced today that it decided to establish a new production facility of these permanent antistatic agents in Thailand to meet rising demand. The new production facility will be located in Rayong factory of SANYO KASEI (THAILAND) LTD., with the production capacity 1,500 tons/year. It is scheduled to start operation in April 2021.

PELESTAT & PELECTRON products are additives for plastics to reduce static electricity. They are used in wide range of applications in order to prevent various troubles (electrostatic faults, damage to electronic circuitry, destruction of the electronics by electrostatic discharge and dust attraction) and accidents (fires and explosions) caused by static electricity.

Recently, demand mainly for packaging and transporting materials for electronic devices/precision components is rising. In addition, the application is successfully expanding to including explosion-proof materials. In order to respond to such strong demand, we decided to reinforce the production capacity of them. The new facility is strategically located in Thailand so as to strengthen our supply configuration by further diversifying our global manufacturing.

Now PELESTAT & PELECTRON are manufactured in Kashima factory in Japan. By this production capacity increase, the total output will be about 4,700tons/year.

◆About PELESTAT & PELECTRON

PELESTAT & PELECTRON are polymer type permanent antistatic agents which can form numerous connected conductive channels inside the plastic resins by our unique dispersion control technology (PELECTRON is the low resistance type). PELESTAT & PELECTRON can release static electricity effectively by making the plastics adequately conductive. They impart permanent antistatic property to compounded resins.

The antistatic level can be adjusted from dust preventing level (where static charge immediately decays) to strictly controlled level (where almost no static charge is generated). Such strict level is required for the applications such as packaging /transporting materials for electronic devices/precision components and explosion-proof materials because even negligible static electricity is unacceptable for them. PELESTAT & PELECTRON can impart long-lasting antistatic property effectively without compromising the physical properties of host resins.

Since PELESTAT & PELECTRON are polymer type, they will not migrate or be taken off from the resins. Therefore the antistatic effect of the compounded resins virtually continues permanently. Such resins are particularly suitable for such as electronic and medical applications that require high cleanliness.

The further growth for antistatic agents is expected in various fields. Sanyo chemical is committed to continually support in response to the various needs for antistatic agents.

◆About SANYO KASEI (THAILAND) LTD. (SKT)

Full scale-production began in March 2001. Headquarter is in Bangkok. Its factory is in Rayong province. It manufactures and sells surfactants, agents for papermaking, resins for paint and ink, raw materials for polyurethane foam used in automobile seat cushions and agents for textiles. It opened a

technical service laboratory in 2006, it has continued technical support for customers since then. We are planning to make aggressive investment so that SKT becomes the Sanyo group's key production base for the future.