



## FORMOSA PLASTICS GROUP

### Smart Innovation and Sustainability

For TITAS 2019, Formosa Plastics Group (FPG) carries the theme of "Smart Innovation and Sustainability" for its exhibits to reflect its determination to implement a green policy while presenting high-quality, high-tech and high-value textiles.

The FPG pavilion at TITAS 2019 is a joint exhibition from Formosa Chemicals & Fibre, Formosa Plastics, Nan Ya Plastics and Formosa Taffeta. The pavilion features five image areas – Fashion and Down, Sportswear In Style, Bio-friendly and Sustainability, and Industrial Materials – all to highlight the Group's latest textile collections and their comprehensive applications in fashion, sportswear, outdoor and industrial sector. FPG's fiber lines cover polyester, polypropylene, rayon, elastic, carbon, polyamide, and functional fibers, all serving as materials for Formosa Taffeta to develop into sophisticated fabrics by incorporating advanced green and performance technologies. Please visit our Pavilion and experience for yourself the superior quality and technology the Group has to offer.

## FORMOSA PLASTICS (FPC)

Leader in carbon and elastic fibers !

- Tairyfil carbon fiber

Tairyfil carbon fiber developed by Formosa Plastic is a carbonized filament series that has good conductivity and is stronger than steel, lighter than aluminum, acid and alkali resistant, and conductive. It has a wide range of applications covering sports goods, wind turbine blades, automobile, aircraft, vessel, CNG tank, cable core and construction reinforcement. With an annual capacity of 8,750 tons, FPC offers Tairyfil in a full range of specifications including filament tow from 1.5K to 48K, and tensile modulus from normal to high.

- Elastic fibers

FPC introduced a dry spinning technology from Asahi Kasei to produce spandex which keeps Asahi's registered brand name ROICA®. Spandex, also known as polyurethane fibers and elastane, has high elasticity and stretch like that of rubber, while its tensile strength and stress, abrasion resistance, aging resistance and chemical resistance are superior to rubber. These have become essential additive fibers among synthetic fibers.