



## 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.

## NAN YA PLASTICS (NPC)

Diversified products to enhance environmental protection and comfort !

### ● GREENONE

These biodegradable polyesters can be totally degraded within 3-4 years. Tested by ASTM D5511 method shows a 20% biodegradation in 200 days. GREENONE can be combined with recycled PET bottles, bio-based and heavy metal technologies to achieve additional degradation results.

### ● FRESHUP odor-free polyesters

Contrary to traditional odor-elimination fibers, FRESHUP decomposes odors absorbed from outside and keep the garments fresh.

### ● 「CHROMUCH」 dope dyed polyester

It is a polyester which retains a bright, deep colors with high fastness. Reflective yarns made by CHROMUCH technologies not only meet the high EN20471 standards for high visibility clothing, they also show high washing and light color fastness.

### ● CHROMUCH-lux gradient dope dyed polyester:

The gradient effect can be used as warp yarn for filament yarn woven fabric to create an elegant gradient effect. If used as weft yarn with nylon as warp yarn, and then treated with acidic dyes, the color effects for the fabric will be even more vibrant.

### ● Comfortable elastic materials

SPANFIT, made by using a special filament yarn spinning technology, has an elastic, wrinkle-proof and comfortable texture.

### ● TOPFIT

A mechanical stretch filament yarn developed for knits. Besides better stretch, the yarn provides knits with better snag resistant and UV proof properties.

### ● ECOGREEN

Post-consumer recycled polyesters that are consistency in quality ability, diversity in selections and can be fully traceable.