

# Polypropylene Continuous Multifilament Yarn

## General points:

**IFG Continuous Multifilament Yarns** are medium tenacity (>3.5g/d / >30cN/tex) yarns suitable for a wide range of applications including mattress ticking, upholstery, window blinds, texturised yarns and others.

## General points:

### Colours:

Yarns can be colour matched to the customers' requirements using spun dyed pigments with colour fastness appropriate to the end use, e.g. indoor or outdoor

### Lubrication:

Supplied with an anti-static spin finish lubricant to ensure satisfactory downstream processing.

### Form of supply:

Supplied in boxes on cardboard cores 225mm long x 94mm diameter x 6mm or 8mm wall thickness, with tailing slit.

- Typical pack size up to 6kg
- Large box – up to 64 packs at up to 6kg
- Small box – 4 to 6 packs at up to 6kg

### Cross Section

Available in round or delta cross section

### Manufacturing processes:

- Weaving,
- Knitting,...
- Yarn Texturising,

### Additional properties: (on request)

- Flame retardant (**FR**)
- Anti-microbial (**AM**)
- UV stabilised

Others on request

### Entanglement

Available either flat (no entanglement) or air jet entangled to suit downstream processing

Typical yarn configurations		150-200	300-750	600-1200	1000
Yarn Count (denier)		150-200	300-750	600-1200	1000
Number of filaments		40	72	144	100
Cross section		Round or delta	Round or delta	Round or delta	Round or delta
Entanglement		Flat or air jet entangled	Flat or air jet entangled	Flat or air jet entangled	Flat or air jet entangled
Tenacity	g/d	>3.5	>3.5	>3.5	>3.5
Thermal shrinkage	%	<5	<5	<5	<5
Melting point	°C	160-165	160-165	160-165	160-165
Specific density	g/cm <sup>3</sup>	0.91	0.91	0.91	0.91

Typical yarn configurations as follows, others can be available on request, please discuss your requirements with our technical staff