

Polyamide 6 - PA

General points:

IFG PA is a melt spun PA6 fibre and especially designed for needle felt floor coverings in contract applications.

The use of **IFG PA** fibre improves the mechanical properties – e.g. resilience and castor chair resistance. With this background the fibre can be widely used for hard wearing needle felt carpets.

Distinctive properties of IFG PA fibres:

- outstanding hard-wearing properties of the final product
- optimized processing
- excellent adhesion to latex
- harmonized colour range
- good dye-ability and printing options

Colours:

Next to White and Black a range of colours coordinated with the contract market is available. All shades have a minimum light fastness of 6 according to the blue scale. Special colours request a minimum batch size of 3.000 kg.

Lubrication:

IFG PA is prepared with special lubricants ensuring fully satisfactory processing properties.

Stabilisation:

Indoor

Form of supply:

IFG PA is supplied as staple fibre, packed in bales

Bale dimension: approx. 115 x 105 x 67cm

Bale weight: approx. 200kg

Supply program:

Titre (dtex)	Staple length (mm)
7	60/90
20	60/90
70	60/90
135	60/90

details of special dtex and cut length on inquiry

Fibre Characteristics		7 dtex	20 dtex	70 dtex	135 dtex
Fibre cross section		round	round	round	round
Specific gravity	g/cm ³	~1,14	~1,14	~1,14	~1,14
Crimp	crimps/cm	3-5	2,5-4,5	1,5-3,5	1,5-3
Tensile strength	cN/tex	>28	>28	>28	>28
Elongation at break	%	>70	>70	>70	>70
Melting point	°C	210-220	210-220	210-220	210-220