

## Polypropylene Coarse Denier Fibre - G

### General points:

IFG G is a melt-spun Polypropylene staple fibre, it has been developed specifically for processing into needle felts, where special attention is paid to the quality requirements for structured needle felts. These fibre type are equally used in plain needlefelts to obtain a rustic surface.

### Colours:

IFG G is available raw white and spun dyed. A wide range of current fashion colours with a minimum light fastness of 6 according to the [blue scale](#) can be supplied.

The standard colour range is based on the colour chart.

### Lubrication:

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

### Types/Stabilisations:

Indoor/Outdoor

### Form of supply:

IFG G is supplied as staple fibre, packed in bales.

### Supply program:

Titre (dtex)	Staple length (mm)
70	75/90
110	75/90
140	75/90
240	75/90
300	75/90
400	75/90

details of special dtex and cut length on inquiry

Fibre Characteristics		70 dtex	110 dtex	140 dtex	240 dtex	300 dtex	400 dtex
Fibre cross section		round	round	round	round	round	round
Specific gravity	g/cm <sup>3</sup>	0,91	0,91	0,91	0,91	0,91	0,91
Crimp	Crimps/cm	1,75-2,75	1,25-2,25	1,25-2,25	1,25-2,25	1-2	1-2
Tear strength	cN/tex	34-40	34-40	34-40	34-40	34-40	34-40
Elongation at break	%	40-80	40-80	40-80	40-80	40-80	40-80
Thermal shrinkage	120°C/10	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %
Melting point	°C	163-170	163-170	163-170	163-170	163-170	163-170