

Polypropylene Standard Fibre - L

General points:

IFG L is a melt-spun Polypropylene staple fibre, it has been developed specifically for processing into needle felts, where special attention is required for structured needle felts.

Colours:

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

Types/Stabilisations:

Indoor/Outdoor/Automotive

Form of supply:

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

Supply program:

Titre (dtex)	Staple length (mm)
4,4	75/90
5,5	75/90
7	75/90
11	75/90
17	75/90
30	75/90

details of special dtex and cut length on inquiry

Fibre Characteristics		4,4 dtex	5,5 dtex	7 dtex	11 dtex	17 dtex	30 dtex
Fibre cross section		round	round	round	round	round	round
Specific gravity	g/cm ³	0,91	0,91	0,91	0,91	0,91	0,91
Crimp	Crimps/cm	4-5	4-5	4-5	4-5	4-5	4-5
Tear strength	cN/tex	28-36	28-36	28-36	28-36	28-36	28-36
Elongation at break	%	80-140	80-140	80-140	80-140	80-140	80-140
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