

High Performance Polypropylene Fibre - LG10

General points:

IFG LG10 is a melt-spun polypropylene staple fibre with good tenacity and elongation. It has been developed specifically for being processed into fleeces or nonwovens for technical applications and high performance geotextiles, Gasfading can occur.

Colours:

IFG LG10 is supplied mainly in raw white. It is available spun dyed within a range of shades with a minimum light fastness of 6 according to DIN blue scale.

Lubrication:

IFG LG10 is prepared with special lubricants ensuring fully satisfactory processing properties.

IFG LG10 is equipped with a UV stabilizer as standard. This guarantees a UV resistance of 1,500 hours. Higher UV resistances are available on request.

Form of supply:

IFG LG10 is supplied as staple fibre, packed in bales.

Bale dimension: approx. 115 x 105 x 67cm

Supply program:

Titre (dtex)	Staple length (mm)
3,3	75/90
4,4	75/90
7	75/90

details of special dtex and cut length on inquiry

Fibre Characteristics		3,3 dtex	4,4 dtex	7 dtex
Fibre cross section		round	round	round
Specific gravity	g/cm ³	~0,91	~0,91	~0,91
Crimp	Crimps/cm	3-5	3-5	3-5
Tear strength	cN/tex	≥50	≥50	≥50
Elongation at break	%	≥65	≥65	≥65
Melting point	°C	163-170	163-170	163-170

Due to the pigmentation of the coloured fibres it may be possible to reduce the mechanical properties (force/elongation).