

Superior High Tenacity Polypropylene Fibre - LS10

General points:

IFG LS10 is a melt-spun polypropylene staple fibre with superior high tenacity. It has been developed specifically for being processed into fleeces or nonwovens for technical applications and high performance geotextiles.

Colours:

IFG LS10 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 LS10 is prepared with special lubricants ensuring fully satisfactory processing properties.

Stabilisation:

IFG LS10 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 LS10 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	≥55	≥55	≥55
Elongation at break	%	≥75	≥75	≥75
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).