

# PLA Shortcut Staple Fibre

**IFG® PLA Shortcut Staple Fibre** is a melt-spun PLA staple fibre. This fibre type is especially developed for papers which are thermally sealed or welded.

The **IFG® PLA Shortcut Staple Fibre** has good dispersion in aqueous solutions and is produced with GMO free raw materials.

## Colours:

**IFG® PLA Shortcut Staple Fibres** is supplied in raw white. Spun dyed fibres are available on request.

## Lubrication:

**IFG® PLA Shortcut Staple Fibres** prepared with special food contact approved preparations, which ensure good processing characteristics and dispersion in aqueous solutions.

## Form of supply:

**IFG® PLA Shortcut Staple Fibres** supplied as short cut fibre, packed in carton boxes.

Carton dims: approx. 120 x 80 x 107 cm  
(47 x 32 x 42 in)

Carton net weight: approx. 300 kg  
(665 lb)  
(depending on titre and cut length)

## Supply programme:

dtex	Titre		Staple length	
	den	mm	inch	
1,7	(1,5)	6	(~1,4)	
2,2	(2,0)	6	(~1,4)	
2,8	(2,5)	6	(~1,4)	
3,3	(3,0)	6	(~1,4)	

Other dtex and cut lengths on inquiry.

## Type IFG® PLA Shortcut Staple Fibres

Fibre characteristics		1,7 dtex (1,5 den)	2,2 dtex (2,0 den)	2,8 dtex (2,5 den)	3,3 dtex (3,0 den)
Fibre cross section		round	round	round	round
Fibre diameter	µm	~ 14	~ 15	~ 16	~ 18
Tear strength	cN/tex	> 20	> 20	> 20	> 20
Elongation at break	in %	> 30	> 30	> 30	> 30
Melting range	°C	165 – 175	165 – 175	165 – 175	165 – 175
Specific density	g/cm³	1,2 – 1,3	1,2 – 1,3	1,2 – 1,3	1,2 – 1,3

The information presented in this data sheet represents our current status of our experience, no liability can therefore be derived from it.