

asota[®] F 1756

General Points:

asota[®] F 1756 is a melt-spun Polypropylene staple fibre. This fibre shows an enhanced heat-storage behavior in comparison to standard PP (see below chart). This fibre is developed for high performance garments and textiles with outstanding heat-storage property (e.g. sportswear, underwear, padding...)

Colours:

asota[®] F 1756 is mainly supplied in thermograu 9852. Special colours are available on request.

Lubrication:

asota[®] F 1756 is prepared with special lubricants ensuring fully satisfactory processing characteristics.

Form of supply:

asota[®] F 1756 is supplied as staple fibre, packed in bales.

Bale dimension: 115 x 105 x 67 cm
(45 x 41 x 26 in)

Bale weight: approx. 220 kg
(~ 485 lb)

(depending on titre and cut length)

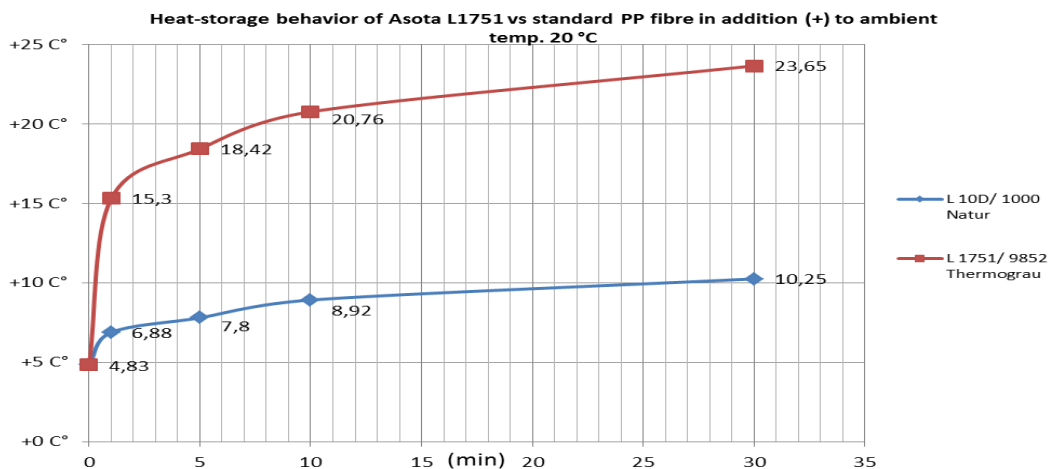
Supply program:

Titre		staple length	
dtex	den	mm	inch
1,7	(1,5)	50	(~ 2)
2,2	(2)	60	(~ 2,3)
2,8	(2,5)	60	(~ 2,3)

(special dtex and cut lengths on inquiry)

Type/Stabilizations:

asota[®] INDOOR 10



Fiber characteristics:

Fiber cross section

Tear strength

Elongation at break

Thermal shrinkage

Melting range

Specific density

120°C (248°F)/10'

cN/tex

in %

°C

g/cm³
(oz/in³)

	1,7 dtex (1,5 den)	2,2 dtex (2 den)	2,8 dtex (2,5 den)
Fiber cross section	round	round	round
Tear strength	> 30	> 30	> 30
Elongation at break	> 40	> 40	> 40
Thermal shrinkage	< 3	< 3	< 3
Melting range	~155 – 165	~155 – 165	~155 – 165
Specific density	~ 0,90 ~ (0,52)	~ 0,90 ~ (0,52)	~ 0,90 ~ (0,52)