

asota[®] L 1751

General Points:

asota[®] L 1751 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 has been developed for high performance garments and textiles with outstanding heat-storage property (e.g. sportwear, underwear, padding...)

Colours:

asota[®] L 1751 is mainly supplied in thermograu 9852, Special colours are available on request.

Lubrication:

asota[®] L 1751 is prepared with special lubricants ensuring fully satisfactory processing characteristics.

Form of supply:

asota[®] L 1751 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. 200 kg
(~ 440 lb)

(depending on titre and cut length)

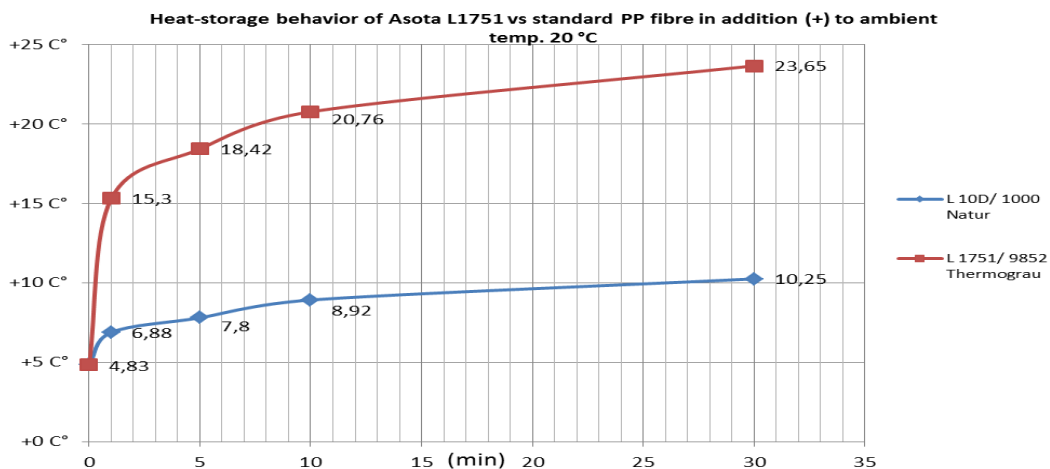
Supply program:

Titre		staple length	
dtex	den	mm	inch
7	(6)	90	(~ 3,5)
9	(8)	90	(~ 3,5)
11	(10)	90	(~ 3,5)

(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)

	7 dtex (6 den)	9 dtex (8 den)	11 dtex (10 den)
Fiber cross section	round	round	round
Tear strength	> 29	> 29	> 29
Elongation at break	> 90	> 90	> 90
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)