

-- preliminary Information --

asota® E 4214

General Points:

asota® E 4214 is a melt-spun polyolefine staple fibre. This fibre-type is specially developed for papers which are thermally sealed or welded. The wide melting range from 155°C (310°F) to 165°C (330°F) promotes the melt-bonding process. The **asota® E 4214** has a good dispersion in aqueous liquids.

Colours:

asota® E 4214 is supplied raw-white. Spun-dyed fibres are available on request.

Lubrication:

asota® E 4214 is prepared with special food contact approved preparations, which ensure good processing characteristics and dispersion in aqueous liquids.

Form of supply:

asota® E 4214 is supplied as short cut fibre, packed in carton boxes.

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

carton dimension: 120x80x107 cm
(47 x 32 x 42 in)

Supply program:

Titre dtex	den	staple length	
		mm	inch
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:

asota® W

Fiber characteristics:

		2,2 dtex (2,0 den)	2,8 dtex (2,5 den)	3,3 dtex (3,0 den)
Fiber cross section		round	round	round
Fiber diameter	µm	17,5	20	21,5
Tear strength	cN/tex	> 40	> 40	> 40
Elongation at break	%	> 40	> 40	> 40
Thermal shrinkage	120 °C (248°F)/10'	< 15%	< 15%	< 15%
Melting range	°C	~155 – 165	~155 – 165	~155 – 165
Specific density	g/cm ³ (oz/in ³)	0,90 (0,61)	0,90 (0,61)	0,90 (0,61)

... further information on request!