

asota[®] 15 Super UV

General points:

asota[®] 15 is an improved version of the fibre type **asota[®] 11** in respect of UV-stability and light fastness with a **half life time of at least 4.000 hours** (see: **asota[®] 11** = 3.000 hrs).

This modified fibre has been conceived for outdoor applications where high mechanical impact (e.g. sports floor coverings like tennis courts) is required.

As a consequence Asota guarantees for this fibre type a period of 5 years on the basis of an annual average radiation of 80 kLy and depending on processing methods and conditions customary for Polypropylene fibres.

Also a professional maintenance and cleaning is a necessity for that guarantee.

Colours:

asota[®] 15 is available raw white and spundyed.

A specific range of current fashion colours with a minimum light fastness of 7 to 8, according to the DIN blue scale can be supplied.

Lubrication:

asota[®] 15 is prepared with special lubricants ensuring fully satisfactory processing properties.

Supply programme:

Titre (dtex)	staple length (mm)	Type
17	60 / 90 / 150	L / D / M
30	60 / 90 / 150	L / D / M
70	60 / 90	G
110	60 / 90	G
140	60 / 90	G
240	60 / 90	G

Details of special dtex and cut lengths on inquiry.

Form of supply:

asota[®] 15 is supplied as staple fibre, packed in bales

Bale dims.: approx. 115 x 105 x 67 cm

Bale weight: approx. 200 kg

Types:

L, G, D, M

Fibre characteristics:

Fibre cross section

Cut length

Crimp

Tear strength

Elongation at break

Thermal shrinkage

Melting point

Specific gravity

	L / D / M		G			
	17 dtex	30 dtex	70 dtex	110 dtex	140 dtex	240 dtex
Fibre cross section	round	round	round	round	round	round
Cut length	60 / 90 /	60 / 90 /	60 / 90	60 / 90	60 / 90	60 / 90
Crimp	4 – 5	4 – 5	1,75 – 2,75	1,25 – 2,25	1,25 – 2,25	1,25 – 2,25
Tear strength	28 – 34	28 – 34	34 – 40	34 – 40	34 – 40	34 – 40
Elongation at break	80 – 120	80 – 120	40 – 80	40 – 80	40 – 80	40 – 80
Thermal shrinkage	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %
Melting point	163 – 170	163 – 170	163 – 170	163 – 170	163 – 170	163 – 170
Specific gravity	0,91	0,91	0,91	0,91	0,91	0,91

... further information on request!