

-- preliminary Information --

asota® E 5502

asota® PA 6 Fibre

General points:

asota® E 5502 is a melt spun PA6 fibre and especially designed for needle felt floor coverings in contract applications.

The use of **asota® E 5502** fibre improves the mechanical properties – e.g. resilience and castor chair resistance.

With this background the fibre can be widely used for hard wearing needle felt carpets.

Colours:

Next to White and Black a range of colours coordinated with the contract market is available. All shades have a minimum light fastness of 6 according to the blue scale.

Special colours request a minimum batch size of 3.000 kg.

Distinctive properties of

asota® E 5502 fibres:

- ↳ outstanding hard-wearing properties of the final product
- ↳ optimized processing
- ↳ excellent adhesion to latex
- ↳ harmonized colour range
- ↳ good dyeability and printing options

Lubrication:

asota® E 5502 is prepared with special lubricants ensuring fully satisfactory processing properties.

Form of supply:

asota® E 5502 is supplied as staple fibre, packed in bales

Bale dimensions: approx. 115 x 105 x 67 cm

Bale weight: approx.: 200 kg

Supply program:

Titre (dtex)	staple length (mm)
17	60 / 90
20	60 / 90

Details of special dtex and cut lengths on inquiry.

Types:

asota® E 5502

Stabilization:

Indoor: 10

Fibre Characteristics:

Fibre cross section

Cut length

Crimp

Tensile strength

Elongation at break

Thermal shrinkage

Melting point

Specific gravity

	17 dtex	20 dtex
	round	round
mm	60 / 90	60 / 90
crimps/ cm	2,5 – 4,0	2,5 – 4,0
cN / tex	> 30	> 30
%	80 – 150	80 – 150
150 °C / 3 min.	< 3 %	< 3 %
°C	210 – 220	210 – 220
g / cm ³	1,14	1,14

... further information on request!