

asota® PA coarse denier

General points:

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

The use of asota® PA coarse denier has an essential positive influence on the improvement of some mechanical characteristics like resilience and castor chair properties. That is why this fibre type has been conceived for hard-wearing needle felt qualities.

Distinctive properties of asota® PA coarse denier fibres:

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

Lubrication:

asota® PA coarse denier is prepared with special lubricants ensuring fully satisfactory processing properties.

Crimp: *)

asota® P 10	Standard type medium crimp (1,5 – 2,5 crimps/cm)
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asota® P 10NU uncrimped

asota® P 10NO low crimp
(0,5 – 1,0 crimps/cm)

asota® P 10N1 low crimp
(1,0 – 1,5 crimps/cm)

asota® P 10N3 high crimp
(2,5 – 3,5 crimps/cm)

asota® P 10N5 very high crimp
(4,0 – 5,0 crimps/cm)

all types heat set

Cut lengths:

asota® P10NU – 30 mm

asota® P crimped types – 60 / 90 mm

Special cut lengths on request

Form of supply:

asota® PA coarse denier is supplied as staple fibre, packed in bales

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

Bale weight: approx. 200 kg

Fibre Characteristics:

		70 dtex	135 dtex
Fibre cross section:		round	round
Diameter:	mm	0,09	0,12
Cut length:	mm	60 / 90	60 / 90
Crimp: *)	crimps/ cm	0,5 – 5	0,5 – 5
Tensile strength	cN / tex	> 28	> 28
Elongation at break:	%	80 – 120	80 – 120
Thermal shrinkage:	150°C / 3 min.	< 3 %	< 3 %
Melting points:	°C	210 – 220	210 – 220
Specific gravity:	g / cm ³	1,14	1,14

*) Crimp depending on fibre type

... further information on request!