

asota® W

Polyolefine fibre for Wet Laid

asota® W is a melt-spun Polyolefine fibre. All fibre types have good dispersion in water. The production is made normally with FDA registered raw materials (FDA confirmation on request).

Product – improvements relating dimension stability, elongation and volume are practicable.

asota® W PO fibres are used in blends with cellulose and the paper gets thermo plastic properties (e. g. seal- and weldable).

Trademark:

asota® W

Polymer:

Polyolefine (Polypropylene, Polyethylene)

Melting temperatures:

115° / 125° / 130° / 140° / 155° / 167° C

Additional properties:

Possible on request:

- flame retardant (FR)
- antimicrobial (AM), anti-mite
- SOFT (touch)
- thermo stability, oxidation stability
- good seal properties

Colours:

Natural (raw white).

All colours based on our colour shade card (more than 4000 colours) are available.

Restrictions due to FDA approval or the chosen denier are possible.

Fineness/Titre:

1,0 dtex up to 70 dtex (12 µm – 99 µm)

Fibre cross section: Standard: round

For a limited denier range – trilobal and hollow is available.

Cut length: Standard: 6 mm

Available between 6, 9, 12,... 150 mm on request.

In special cases shorter and endless (tow) possible.

Crimp: Standard: uncrimped

On request – crimped is available.

Tenacity: 20 cN/tex to 55 cN/tex

Depending on application and demand.

Elongation at break: 25 % to >200 %

Depending on application and demand.

Thermal shrinkage: <5 % to >30 %

Depending on application and demand.

... further information on request!