

asota® M

General Points:

asota® M is a melt-spun round cross section Polypropylene staple fibre; developed specifically for processing on semi-worsted and woollen yarn systems.

These yarns are made into tufted and woven carpets, bathmats and furnishing fabrics.

The range is complemented by **asota® S**, a shrink fibre recommended for blending with **asota® M** for improved bulking. Normally we suggest a percentage ratio around 75/25 M/S.

Colours:

asota® M is available raw white and spundyed. A wide range of current fashion colours with a minimum light fastness of 6 according to the DIN blue scale can be supplied.

The standard colour range is based on the colour chart.

Special colours require a minimum quantity of 2 tons.

Lubrication:

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

Form of supply:

asota® M is supplied as staple fibre, packed in bales.

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

Bale weight: approx. 200 kg

Supply programme:

| Titre (dtex) | Staple length (mm) |
|--------------|--------------------|
| 7 | 90 / 150 |
| 11 | 90 / 150 |
| 17 | 90 / 150 |
| 30 | 90 |

Details of special dtex and cut lengths (e.g. 60 or 120 mm) on inquiry.

Types / Stabilizations:

Indoor: 10

Automotive: 10, 12, 13, 16

Fibre characteristics:

Fibre cross section

Cut length mm

Crimp crimps / cm

Tear strength cN / tex

Elongation at break %

Thermal shrinkage 120°C / 10 Min.

Melting point °C

Specific gravity g / cm³

| | 7 dtex | 11 dtex | 17 dtex | 30 dtex |
|--------------------------------------|-----------|-----------|-----------|-----------|
| Fibre cross section | round | round | round | round |
| Cut length mm | 90 / 150 | 90 / 150 | 90 / 150 | 90 |
| Crimp crimps / cm | 4 – 5 | 3 – 4,5 | 3 – 4,5 | 3 – 4,5 |
| Tear strength cN / tex | 28 – 34 | 28 – 34 | 28 – 34 | 26 – 32 |
| Elongation at break % | 80 – 150 | 80 – 150 | 80 – 150 | 60 – 140 |
| Thermal shrinkage 120°C / 10 Min. | < 3 % | < 3 % | < 3 % | < 3 % |
| Melting point °C | 163 – 170 | 163 – 170 | 163 – 170 | 163 – 170 |
| Specific gravity g / cm ³ | 0,91 | 0,91 | 0,91 | 0,91 |

... further information on request!