

asota® G

General points:

asota® G is a melt-spun Polypropylene staple fibre, it has been developed specifically for processing into needlefelts, where special attention is paid to the quality requirements for structured needlefelts.

These fibre type are equally used in plain needlefelts to obtain a rustic surface.

Colours:

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

The standard colour range is based on the colour chart.

Lubrication:

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

Form of supply:

asota® G 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)
70	90
110	90
140	90
240	90
300	90
400	90

Details of special dtex (160 / 320 dtex) and cut length (e.g. 40, 60, 75) on inquiry.

Types / Stabilizations:

Indoor: **10**

Outdoor: **11, 15**

Fibre characteristics:

		70 dtex	110 dtex	140 dtex	240 dtex	300 dtex	400 dtex
Fibre cross section		round	round	round	round	round	round
Cut length	mm	90	90	90	90	90	90
Crimp	Crimps / cm	1.75 – 2.75	1.25 – 2.25	1.25 – 2.25	1.25 – 2.25	1 – 2	1 – 2
Tear strength	cN / tex	34 – 40	34 – 40	34 – 40	34 – 40	34 – 40	34 – 40
Elongation at break	%	40 – 80	40 – 80	40 – 80	40 – 80	40 – 80	40 – 80
Thermal shrinkage	120 °C / 10 Min.	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %
Melting point	°C	163 – 170	163 – 170	163 – 170	163 – 170	163 – 170	163 – 170
Specific gravity	g / cm ³	0,91	0,91	0,91	0,91	0,91	0,91

... further information on request!