

Product data sheet

Serabond

Polyester continuous filament, bonded

- the high-performance bonded special sewing thread for outdoor applications
- extremely durable
- resistant to untwisting and therefore suited for multidirectional sewing
- outstanding UV resistance due to special dyestuffs
- weathering test according to ISO 4892-1 and ISO 4892-2



Technical data:

Ticket no.	Tex no.	Linear density (dtex) (DIN EN ISO 2060)	Linear density (Nm) (DIN EN ISO 2060)	Breaking force (cN) (DIN EN ISO 2062)	Elongation at break (%) (DIN EN ISO 2062)	Needle size Nm	Needle size No.
6	500	2150 * 3	5 / 3	35750	21	240-260	27-28
9	350	1417 * 3	7 / 3	22500	26	210-240	26-27
10	270	1217 * 3	8 / 3	17700	22	190-220	25-26
12	240	1017 * 3	10 / 3	15800	20	180-200	24-25
15	210	783 * 3	13 / 3	13300	21	170-190	24-25
18	150	717 * 3	14 / 3	10400	22	150-170	23-24
20	135	550 * 3	18 / 3	9000	18	130-150	21-23
25	105	417 * 3	24 / 3	6900	20	120-140	19-22
30	90	317 * 3	32 / 3	5600	17	110-130	18-21
40	70	267 * 3	37 / 3	4400	17	90-120	14-19
60	45	183 * 3	55 / 3	3000	18	80-100	12-16

Fastness properties:

Colour fastness to artificial light (ISO 105 B06)	≥ 4
Colour fastness to rubbing 1) dry (ISO 105 X 12)	≥ 4
Colour fastness to rubbing 2) wet (ISO 105 X 12)	≥ 4
Colour fastness to washing 60°C (ISO 105-C06 E2S)	≥ 4
Colour fastness to water (ISO 105 E 01)	≥ 4

(ISO 105 B 06 ; Testing with the Xenon arc fading lamp after 3 cycles ; evaluated with grey scale)

Thermal properties:

- Melting point : ~ 250-260 °C

Article assortment:

Ticket no.	Tex no.	Article no.	Make-up	Spool type	No. of colours
6	500	6506	1.700 m	FS	1
9	350	6509	1.700 m	FS	12
10	270	6510	1.400 m	FS	2
12	240	6512	1.800 m	FS	12
15	210	6515	2.400 m	FS	12
18	150	6518	2.600 m	FS	12
20	135	6522	1.600 m	FS	34
20	135	6521	3.200 m	FS	on request
25	105	6525	3.000 m	FS	12
30	90	6530	2.300 m	FS	34
40	70	6540	4.600 m	FS	16
60	45	6560	5.000 m	FS	16

Main application:

- Outdoor textiles



Further application:

- Home interior

Certifications and special testings:

- Examination according to DIN EN ISO 12402-7 - Successful weathering tests according to ISO 4892-1 and 4892-2