

VOMATEX - Bremen - Germany

Typical physical properties of fibres

	Wool	Cotton	Polyamid (e.g. Nylon, PA)	Polyester (e.g. Trevira®)	V-Max Aramid (e.g. Nomex®, Conex®)	PTFE (e.g. Teflon®)	Glass
Maximum continuous working temperature at dry conditions (°C)	80 - 90	90 - 100	115	120 - 130	200 - 220	260	550
Maximum peak temperature (°C)	100	110	160	180	260	330	1500
Moisture absorption at 20°C and 65% r.h. (%)	13-18	7 - 10	0.8 - 4.5	0,4 – 0,8	4,5 - 5	0	0
Hydrolysis resistance	good	good	limited	poor	limited	good	good
Abrasion resistance	poor	poor	good	limited-good	good	good	limited
Acid resistance	limited	limited	limited	good	limited-good	good	good
Alcaline resistance	poor	good	good	limited-good	good	good	limited
Stability to solvents	limited	limited	limited-good	limited-good	good	good	good
Stability to sunlight	limited	limited	limited	limited-good	limited	good	good

The above data are not perfect for all textiles supplied by VOMATEX because the physical properties of colour pigments and dyeing chemicals need to be considered. VOMATEX takes special care about the durability and colour fastness at heat and steam (hydrolysis) but can not guarantee for other resistances. For this reason please avoid exposure to chemicals and sunlight (UV-rays).

All data are without obligation. Due to production reasons technical details may change without prior notice.

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