

	unit	polyester	polyamide	polypropylene	polyethylene
specific weight	Kp/dm ³	1.38	1.14	0,91	0,95
moisture absorption 65% R.H.- 20°C	%	0.3 - 0.4	3.8 - 4.2	0	negligible
softening point	°C	220 - 240	170 - 235	140 - 165	100 - 115
melting point	°C	250 - 260	210 - 250	165 - 175	125 - 135
tenacity	gr./den	4 - 5	4 - 6	4.5 - 7	4.5 - 8
breaking point in dry conditions	%	15 - 30	20 - 40	20 - 50	20 - 80
breaking point in humid conditions	%	15 - 30	25 - 45	21 - 50	21 - 80
light and weather resistance		good	poor, less after prolonged exposure	poor, less after prolonged exposure	good
abrasion resistance		very good	very good	fairly good	good
acid resistance		fairly good	sensitive	excellent	excellent
alkali resistance		sensitive	good	excellent	excellent
reaction to organic solvents i.e. those used for dry cleaning		not generally affected, melts in hot solutions containing phenol and nitrobenzenes	not generally affected, melts in hot solutions containing phenol	good	good at temperatures below 66°C