

**TEKSTİL LİFLERİNİN MEKANİK ÖZELLİKLERİ**

Lif		Kopma Dayanımı (N/tex)	Kopma Uzaması (%)	Başlangıç Modülü (N/tex)	Relatif Yaş Dayanımı (%)	Yoğunluğu (g/cm <sup>3</sup> )
PAMUK	St Vincent	0.45	6.80	1.30	110-120	1.55
	Upper	0.32	7.10	5.00		
	Bengals	0.19	5.60	3.90		
KETEN		0.54	3.00	18.00	130-140	1.50
JUT		0.31	1.80	17.20	110-130	1.50
YÜN	Bortany 64s	0.11	42.50	2.30	80-90	1.30
	Crossbred 56s	0.14	42.90	2.10		
	Crossbred 36s	0.12	29.80	3.00		
İPEK		0.38	23.40	16.10	15-85	1.34
CASE IN		0.10	63.00	3.50	50-70	1.30
RAYON	Courtaulds Floş	0.18	27.20	4.80	50-60	1.52
	Fibro	0.21	15.70	6.50		
	High-tenacity	0.41	12.00	8.80		
ASETAT Celanese		0.13	23.70	3.60	70-90	1.32
TRİASETAT		0.12	30.00	18.00	70-90	1.31
NYLON 6,6	Med.-tenacity	0.48	20.00	3.00	80-90	1.14
	High.-tenacity	0.66	16.00	4.40	85-90	
	Kesikli Lif	0.37	43.00	1.00	80-90	
NYLON 6 Perlon		0.29	46.00	0.60	80-90	1.14
POLİESTER	Med.-tenacity	0.47	15.00	10.60	100	1.39
	High.-tenacity	0.56	7.00	13.20		
	Kesikli Lif	0.47	37.00	8.80		
AKRİLİK Orlon		0.27	25.00	6.20	80-90	1.19
MODAKRİLİK Dynel		0.34	34.00	8.80	95-100	1.29
POLİVİNİL ALKOL		0.17	26.00	2.20	70-80	1.26
POLİVİNİLİDEN KLORİT		0.24	17.00	3.50	100	1.40
POLİETİLEN	Courlene L-D	0.08	20-40	0.90	100	0.92
	Courlene D-H	0.34	10.00	4.40		0.95
POLİPROPİLEN Wstron		0.65	17.00	7.10	100	0.91
CAM		0.75	2-3		95-100	2.50
ELASTOMER	Poliüretan	0.031	540.00	0.007	100	1.16
	Lastik	0.009	520.00	0.003		1.10
PTFE	Teflon	0.15	13.00	6.54	100	2.20
ÇELİK TEL		0.26	8.00	28.50	100	8.70