

Technora[®]

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Product
Overview
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Technora®

Technora® is a para-aramid fiber made from co-polymers and produced from poly-paraphenylene terephthalamide (PPTA). It was independently developed by Teijin and has been commercially available since 1987. This high performance fiber has a range of excellent properties, including high tensile strength, good fatigue resistance, long-term dimensional stability and good resistance to heat and chemicals.

Type	Titer dtex	Filaments	Tenacity			Modulus			Elongation at break %
			cN/dtex	g/den	GPa	cN/dtex	g/den	GPa	
T200	1100	667	23,9	27,0	3,5	525	593	78	4,3
T200	1670	1000	23,5	26,6	3,5	502	567	73	4,5
T221	1100	667	23,9	27,0	3,5	525	593	78	4,3
T221	167	1000	23,5	26,6	3,5	502	567	73	4,5
T240	1100	667	23,9	27,0	3,5	525	593	78	4,3
T240	1670	1000	23,5	26,6	3,5	502	567	73	4,5
T240B	1100	667	21,4	24,2	3,1	525	593	78	4,0
T240B	1670	1000	22,8	25,8	3,3	502	567	73	4,3

- T200 A general purpose yarn with a heat stable finish
- T221 Suited for rope applications and contains extra lubricant
- T240 Suited for rope applications and contains finish for severe processing conditions
- T240B Dope dyed black yarn with improved UV resistance, suited for rope applications

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