

Twaron[®]

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Product
Overview
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Twaron®

Twaron® is the leading Para-Aramid Fiber produced by Teijin and is a high-performance man-made fiber. The paracrystalline structure in which the molecular chains are oriented enables Twaron® to combine a variety of properties and to be one of the leading man-made fibers on the market. It offers a unique combination of mechanical properties, chemical resistance, excellent durability and thermal stability.

Type	Titer dtex	Filaments	Tenacity			Modulus			Elongation at break %
			cN/dtex	g/den	GPa	cN/dtex	g/den	GPa	
1111	420	250	19,6	22,1	2,8	668	758	98	2,8
1000	840	500	20,1	22,7	2,9	534	604	78	3,4
1000	1100	1000	21,0	23,8	3,0	534	604	78	3,5
1000	1680	1000	20,1	22,8	2,9	486	550	71	3,6
1000	3360	2000	19,8	22,4	2,9	459	519	67	3,7
2200	1210	1000	21,9	24,8	3,2	740	836	108	2,8
2200	1610	1000	21,4	24,2	3,1	719	813	105	2,7
2200	2420	2000	21,2	24,0	3,1	719	813	105	2,8
2200	3220	2000	20,3	23,0	2,9	699	790	102	2,9
2200	8050	5000	20,4	23,0	3,0	678	766	99	2,9
2226 black	1210	1000	20,4	23,0	3,0	685	775	100	2,8
2226 black	1610	1000	19,9	22,5	2,9	678	767	100	2,8

EuroFibers is the distribution and innovation partner of world's largest producers of High Performance Fibers. With our fiber enhancing services and state-of-the-art coating technology, we help our customers to improve performance and reduce system costs.

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