

Aramid

Technical Data Sheet

Para - Aramid Yarn		Density / Filaments			Tensile properties				Mechanical / physical properties		
Type	Performance	[dTex]	[Den]	No. of Filaments	Breaking Strength [N]	Breaking Strength [lbf]	Tenacity [cN/dTex]	Tenacity [g/Den]	Elongation at Break [%]	Modulus [Gpa]	Modulus [g/Den]
931	Regular	1100	1000	665	207.7	46.7	20.7	23.5	5.3	76	600
		1670	1500	1000	343	77.1	20.3	23	3.7	60	550
971	High Tenacity	1100	1000	665	268	60.2	23.8	27	3.6	89	700
		1670	1500	1000	402	90.3	23.8	27	3.7	85	670
901	High Modulus	1580	1420	1000	309	69.4	19.4	22	2.7	114	900
		3160	2840	2000	627	140.9	19.4	22	2.7	108	850

*The physical properties listed represent values for the reference.

*Please note: Specific testing method applies.

*Meta-Aramid filament yarn available upon request.

*Available in black color.

*Detailed TDS per type and density available upon request.



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