Tairyfil Carbon Fiber Specification

Ref: TS-12K35

Test Method：JIS-7608

Product		TC-35	
Filament Count		12K	
Unit		(English)	(SI)
Tensile Strength	Max	NA	NA
	Average	620Ksi	4,278MPa
	Min	567Ksi	3,912MPa
Tensile Modulus	Max	NA	NA
	Average	35.0Msi	240GPa
	Min	34.0Msi	234GPa
Yield (Line density)	Max	-	824g/1000m
	Average	-	800g/1000m
	Min	-	776g/1000m
Elongation		1.60~1.80%	
Sizing Type		Epoxy*	
Sizing content Wt%		0.8~1.2%	
Bobbin Weight		4kg	

* Compatiable resin matrix: Epoxy, Vinyl Ester, BMI

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