Tairyfil Carbon Fiber Specification

Ref: TS-12K36P

Test Method：JIS-7608

Product		TC-36P	
Filament Count		12K	
Unit		(English)	(SI)
Tensile Strength	Max	NA	NA
	Average	710Ksi	4,900MPa
	Min	650Ksi	4,485MPa
Tensile Modulus	Max	NA	NA
	Average	36.0Msi	250GPa
	Min	35.2Msi	242GPa
Yield (Line density)	Max	-	824g/1000m
	Average	-	800g/1000m
	Min	-	776g/1000m
Elongation		1.80~2.00%	
Sizing Type		Epoxy*	
Sizing content Wt%		0.8~1.2%	
Bobbin Weight		4kg	

* Compatiable resin matrix: Epoxy, Vinyl Ester, BMI

Mar. 2015

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