

Tairyfil Carbon Fiber Specification

Test Method : JIS-7608

Product		TC-55		
Filament Count		12K		
Catalogue	Unit	English unit	SI unit	
	Tensile Strength	640Ksi	4,414MPa	
	Tensile Modulus	55.0Msi	380GPa	
Tolerance	Tensile Strength	Average	640Ksi	4,414MPa
		Min	580Ksi	4,000MPa
	Tensile Modulus	Average	55.0Msi	380GPa
		Min	53.3Msi	368GPa
	Yield	Max	435g/1000m	
		Average	420g/1000m	
		Min	415g/1000m	
	Elongation	Max	1.20%	
		Min	1.00%	
	Sizing content	Max	1.80%	
		Average	1.60%	
		Min	1.40%	