



# PETG CF Technical Data Sheet

PETG-CF by Siddament (China), made with Pre Impregnated PETG pellets containing 15% by weight chopped fibers.

To prevent moisture absorption and contamination, the packaging of filament should be kept closed and intact before use. For the same reason, partially used supplies should be resealed before storage. If the consumables absorb moisture and deteriorate, they should be dried before use. It is recommended to dry the consumables in a hot air oven at 60°C for at least 12 hours to ensure the success rate and quality of the printed model. If PETG-CF is used as its own support material, please remove the support structure after the model has cooled. After the model absorbs moisture, the support structure may become glued to the model and will be difficult to remove. After the model is printed, it is recommended to dry it in an oven at a temperature of 70°C for 6~8 hours to improve the strength of the model.

## Main features :

High stiffness/Low warping/High temperature resistance

Density	1.23g/cm <sup>3</sup>
Tensile Strength	59MPa
Breaking Elongation	102%
Bending modulus	65MPa
Heat Distortion Temp	70c
Impact Strength	8.5Kj/m <sup>2</sup>