

About

Highly specific material used in the production of carbon fiber prototyping and manufacturing. This soluble material allows you to create complex tooling for carbon fiber layup. Once sealed and cured, the ST-130 can be cleanly removed by dissolving the material. This leaves you with very clean and accurate carbon fiber parts. Perfect for the robotics and aerospace industries.

Applications

- Heat resistant
- Strong
- Lightweight

TYPICAL PHYSICAL PROPERTIES

PROPERTIES	VALUE
Maximum Build Size (X, Y, Z mm)	914 x 610 x 914 mm
Resolution	0.33 mm
Tensile strength (XY, XZ, ZX)	Compressive Strength, Peak Stress, XZ - 14.5 MPa
Elastic Modulus (MPa)	Compressive Strength, Peak Stress, ZX - 27.8 MPa
HDT (Heat Deflection Temp) °C @ 1.80 MPa	108
HDT°C @ 0.45 MPa	121

The information presented represents typical values intended for reference and comparison purposes only. It should not be used for design specifications or quality control purposes. End-use material performance can be impacted (+/-) by, but not limited to, part design, end-use conditions, test conditions, color etc. Actual values will vary with build conditions. Product specifications are subject to change without notice. The performance characteristics of these materials may vary according to application, operating conditions, or end use. Each user is responsible for determining that the material is safe, lawful, and technically suitable for the intended application. Stratasys makes no warranties of any kind, express or implied, including, but not limited to, the warranties of merchantability, fitness for a particular use, or warranty against patent infringement.

XZ = X or "on edge"
 XY = Y or "flat"
 ZX = Z or "upright"