

FFF Thermoplastic Resin: MarkForged Onyx

Properties

Ultimate tensile strength	36 MPa
Elongation at break	15.5%
Impact resistance	330 J/m
Heat deflection temperature	145°C

Nylon mixed with chopped carbon fibre to provide a high-strength thermoplastic with outstanding heat resistance, chemical resistance and surface finish.

Can also incorporate Kevlar, Fibreglass and HSHT Fibreglass.

"Unbelievably strong parts."

Example applications



Jigs and fixtures



Soft jaws



Cast part prototypes



PARAGON
Rapid Technologies

What do you want to
make today?