

Data Sheet: SLS Flex TPU

Details

This material is a powder of a thermoplastic elastomer that is naturally coloured and rubber like. It produces fully functional, flexible parts of highest quality. The rubber-like characteristics gives it an excellent prototyping quality.

Key Features

High elasticity · High strength · Resistant to chemicals

Thermal Properties

Property	Value
Melting point [°C]	150

Mechanical Properties

Property	Value
Tensile strength [MPa]	8
Modulus of elasticity [GPa]	0.075
Hardness	92
Elongation at break [%]	200

Physical Properties

Property	Value
Density [g/cm ³]	0.97
Colour	Gray or black
Wall thickness (mm)	1



Manufacturing On Demand

Reference

Datasheets provided by Xometry contain materials sourced through trusted OEMs, material distributors, and databases. Please visit [Materialdatacenter.com](https://www.materialdatacenter.com) for further information on this material.