

Data Sheet: Estane 3D TPU M95A

Details

It has easy and quick printability. It is semi flexible with wear and tear resistance. Its corrosion resistance makes it suitable for applications with many industrial oils and chemicals. It elongates up to 580% at break. It is used in manufacturing projects that require both rubber and plastic properties.

Key Features

Semi flexible • Resistant to tear and corrosion.

Mechanical Properties

Property	Value
Tensile strength [MPa]	17
Tear strength [KN/m]	80
Flexural modulus [GPa]	0.085
Hardness	95
Abrasion volume loss [mm ³]	100
Elongation at break [%]	400

Physical Properties

Property	Value
Density [g/cm ³]	1.10
Melting temperature [°C]	200



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.