

DATASHEET – Test Shoe Filament

Description

Test Shoe Filament is a PETG-based transparent filament. It is especially developed for test shoes; with the optimal balance between precision, transparency and flexibility.

Print settings

These are recommended settings that may vary between different printers and also depend on environmental factors.

Property	Setting
Nozzle diameter	0,4 - 0,8 mm
Nozzle temperature	235 - 275°C
Build plate material	PEI
Speed	25 - 300mm/s
Layer height	≥0,1 mm
Build chamber temperature	Unheated
Build plate temperature	70 - 90°C
Cooling	0 - 60%

Material properties

Test	Value
Tensile modulus	1950 MPa
Tensile strength	26 MPa
Elongation at break	58%
Density	1.27 g/cm ³

Storage and shelf life

Filament should be stored at room temperature (18-25°C (64.4 -77.0°F)) in a dry and dark place with humidity below 15%. Keep out of moisture, sunlight and direct heat. When stored properly, product has a shelf life of at least 24 months. To obtain the best parameters of the printed object, it is recommended to dry the material prior to usage and to 3D print it directly from a dry box .