

Sinterit Flexa Bright

Selective Laser Sintering | TPU | powder

Compiled by FabDigit from manufacturer technical data. Values below belong to this named product; unreported properties are omitted.

Manufacturer status: discontinued. Retained for existing-design reference.

Manufacturer: Sinterit

Source revision: 2022-01

Recorded system family: Sinterit Lisa X / NILS 480

As-printed colour: White. Oyster white

Test values are typical reported results, not guaranteed design allowables or finished-part certification. Review the complete source for specimen preparation, orientation and conditioning.

Mechanical

PROPERTY	VALUE	TEST / CONDITION
Tensile Strength (Ultimate)	10.3 MPa	per PN-EN ISO 37:2007
Elongation at Break	318 %	per PN-EN ISO 37:2007
Hardness, Shore A	79 Shore A	per PN-EN ISO 868:2005

Physical

PROPERTY	VALUE	TEST / CONDITION
Density	0.95 g/cm3	per PN-EN ISO 845:2010
Water Absorption (24 h)	3 %	per PN-EN ISO 62:2008

Source and document scope

Sinterit manufacturer source reference - 2022-01

https://sinterit.com/wp-content/uploads/2022/01/Flexa-Bright_EN.pdf

FabDigit product page: <https://www.fabdigit.com/materials/polymer-tpu/sinterit-flexa-bright/>

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