

Material properties

Density	1.05 g/cm ³	D 792
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Mechanical Properties

Tensile Strength at Yield,	45 MPa	D 882
Tensile strain at Break	10 %	D 638
Flexural Modulus	2450 MPa	D 790
Flexural strength	72,6	D 790
Notched Izod Impact Strength 23C	324 [J/m]	D 256
Notched Izod Impact Strength -30C	157 [J/m]	D256

Thermal Properties

Heat Distortion Temperature (66 psi 0,45 MPa)	85°C	E2092
Vicat Softening Temperature	93°C	D 1525

PRINT SETTINGS

Nozzle temperature	230-255°C
Bed temperature	90-100°C
Active cooling fan	>30%
Print speed**	40-120 mm/s
Closed chamber	Yes / optional
Dry box	not
Ruby or hardened nozzle	not

FEATURES OF FILAMENT

Professional filament, which is characterized by extraordinary strength and hardness. Thanks to its properties, it is perfect for prototyping models or production of already target elements requiring hardness temperature resistance or scratch resistance.

STORAGE

Ensuring proper storage conditions is a guarantee that the shelf life of the filament will be 2 years. The product should be stored in a dry room at room temperature (18-250 C), protected from moisture and exposure to sunlight and heat.

DISCLAIMER

The above data are for illustrative purposes only. Print parameters may change depending on conditions such as print geometry, surroundings, etc. These values are indicative and should not be construed as binding specifications. 3D Logic sp. z o.o. does not bear any responsibility for material losses, damage to health related to the use of the material.