

MATERIAL PROPERTIES

Destiny	1.07 g/cm ³	D792
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Mechanical Properties

Tensile Modulus (Young)	1800 MPa	D882
Tensile Strength, at Yield	42 MPa	D882
Tensile strain at Break	33%	D638
Flexural Modulus	1850 Mpa	D790
Flexural strenght	64 MPa	D790
Notched Izod Impact Strenght 23C	435 [J/m]	D256
Notched Izod Impact Strenght -30C	60 [J/m]	D256

Thermal Properties

VICAT Softening Temperature	93°C	D1525
Heat diostortion Temperature (66 psi 0,45 MPa)	86°C	E2092

PRINT SETTINGS

Nozzle temperature	210-245°C
Bed temperature	60-80°C
Active cooling fan	>20%
Print speed	40-150 mm/s
Closed chamber	yes
Dry box	not
Ruby or hardened nozzle	not

FEATURES OF FILAMENT

Filament, which is characterized by extraordinary resistance to UV radiation, moisture and temperature fluctuations. Relatively easy to print, not requiring a closed printing chamber, it is perfect for printing models exposed to weather conditions. Excellent filament properties allow for mechanical processing of already printed models (grinding, drilling) as well as smoothing the print surface with acetone. In addition, high temperature and mechanical resistance make it a material that has gained enormous popularity in the automotive industry.

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 (18-25°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.