

MATERIAL PROPERTIES

Density	1.15 g/cm ³	D792
Hardness	88 Shore A	D2240
Hardness	30 Shore D	D2240

Mechanical Properties

Tensile Strength at 100% (50mm/min)	4,4 Mpa	D638
Tensile Strength at 200% (50mm/min)	5,4 MPa	D638
Tensile Strength at 300% (50mm/min)	6,3 MPa	D638
Tensile strain at break	>400%	D638
Flexural strength	2 MPa	D790
Notched Izod Impact Strength 23C	NB	D256

Thermal Properties

Heat Distortion Temperature (psi 0,45 MPA)	72°C	D648
Melting Temperature	174°C	D3418

Print Settings

Nozzle temperature	210-235°C
Bed temperature	50-70°C
Active cooling fan	35-65%
Print speed	40-80 mm/s
Closed chamber	not
Dry box	not
Ruby or hardened nozzle	not

Features of filament

Filament different than all. It is characterized by very high flexibility by reducing the hardness to 30D on the Shore scale. Thermoplastic material that ensures high durability of prints. Resistant to impacts, abrasion, scratches and chemicals. It stretches easily and just as easily returns its original shape. Excellent interlayer adhesion and ease of printing makes the material appreciated by most 3D printing enthusiasts. It is possible to print on Bowden printers.

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.