

## DESCRIPTION:

Nylon 12 parts have good long term stability, offering resistance to most chemicals. This material delivers the impact strength and durability required for functional testing. Tensile and flexural strength combine to make tough prototypes, with the flex associated with many production thermoplastics.

## MATERIAL SPECIFICATION:

Colour	White
Density of printed part	0.9 to 0.95g/cm <sup>3</sup>
Tensile modulus	1890 ±150 MPa
Tensile strength	50 ± 3 Mpa
Elongation at break	12 ± 3.5%
Flexural modulus	1240 ± 130MPa
Melting point	172 to 180°C
Vicat softening temperature B/50	163°C
Vicat softening temperature A/50	181°C
Coefficient of thermal expansion	1.09 x 10 <sup>-4</sup>

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