

DESCRIPTION:

This glass filled variant of Nylon 12 provides greater rigidity - perfect when prototyping parts requiring greater stiffness than standard Nylon 12. The filler in this material is glass bead, not fibre, resulting in increased stiffness but not strength.

MATERIAL SPECIFICATION:

Colour	White
Density of laser sintered part	1.23 to 1.28g/cm ³
Tensile modulus	3200 ± 300MPa
Tensile strength	48 ± 4MPa
Elongation at break	6 ± 3%
Flexural modulus	2100 ± 150MPa
Melting point	172 to 180°C
Vicat softening temperature B/50	166°C
Vicat softening temperature A/50	179°C
Coefficient of thermal expansion	1.68 x 10 ⁻⁴ /K

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