

PA12 DATASHEET

MJF 3D PRINTING TECHNOLOGY



Key Features

- Ottima resistenza meccanica e termica
- Massima finitura superficiale (layer invisibili)
- Flessibile solo con spessori sottili
- Ottima accuratezza dimensionale

MEASUREMENT	VALUE	METHOD
Density of parts	1.01 g/cm ³	ASTM D792
Tensile strength	48 MPa	ASTM D638
Tensile modulus	1800 MPa	ASTM D638
Elongation at break	20%	ASTM D638
Flexural modulus	1800 MPa	ASTM D790
Izod impact notched (@ 3.2 mm, 23°C)	3.6 kJ/m ²	ASTM D256 Test Method A
Shore Hardness D	80	ASTM D2240
HDT (@ 0.45 MPa)	175°C	ASTM D648 Test Method A
Dimensional accuracy	±0.2% (minimum of ±0.2mm)	Expected but not guaranteed
Minimum wall thickness	1 mm	-
Support structures	Not required	-
Part color	Raw Grey	-
Optional colors (with post processing)	HQ Black, Custom RAL	-