

## Material Data Sheet

**HP Multi Jet Fusion**

Parameter	Unit	PA12
<b>Build Space</b>	<b>mm</b>	<b>380 x 284 x 380 mm</b>
Tensile strength	MPa	48
Elongation at break	%	15 - 20
Modulus of elasticity	MPa	1700 - 1800
Flexural Strength	MPa	k.A.
Flexural Modulus	MPa	k.A.
HDT, °C @ 0.45MPa	°C	175
HDT, °C @ 1.82MPa	°C	95
Izod Notched Impact	J/m	k.A.
Water Absorption	%	k.A.
Tg (Glass Transition Temperature)	°C	k.A.
Shore Hardness (D)	Scale D	k.A.
Shore Hardness (A)	Scale A	k.A.
Rockwell Hardness	Scale M	k.A.
Polymerized density	g/cm <sup>3</sup>	1.01
Ash content	%	k.A.

