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HP 3D Printing materials for the HP Jet Fusion 4200 Series 3D Printing Solution



Data courtesy of Addit-ion

Material test results

Test results for the HP 3D Printing materials

HP Jet Fusion 4200 Series 3D Printing Solution

DISCLAIMER: The following **requested properties** show an average on value, please refer to them as orientative, according to the presented standards.

A copy of the industry standard test methods can be purchased from ISO (<https://www.iso.org/store.html>) or from ASTM International (<https://www.astm.org/Standard/standards-and-publications.html>). These industry standard test methods describe (i) how to make the measurements and (ii) the types of metrology tools that are acceptable for the measurements.

PA12

Property	Unit	PA12 - 4200	Printmode	Method	Category
Heat deflection temperature (@0.45 MPa, 66 psi), XY, XZ, YX, YZ	°C	175	Balanced	ASTM D648 Test Method A	Thermal
Heat deflection temperature (@0.45 MPa, 66 psi), ZX, ZY	°C	175	Balanced	ASTM D648 Test Method A	Thermal
Heat deflection temperature (@1.82 MPa, 264 psi), XY, XZ, YX, YZ	°C	95	Balanced	ASTM D648 Test Method A	Thermal
Heat deflection temperature (@1.82 MPa, 264 psi), ZX, ZY	°C	95	Balanced	ASTM D648 Test Method A	Thermal

PA11

Property	Unit	PA11 - 4200	Printmode	Method	Category
Heat deflection temperature (@0.45 MPa, 66 psi), XY, XZ, YX, YZ	°C	185	Balanced	ASTM D648 Test Method A	Thermal
Heat deflection temperature (@0.45 MPa, 66 psi), ZX, ZY	°C	185	Balanced	ASTM D648 Test Method A	Thermal
Heat deflection temperature (@1.82 MPa, 264 psi), XY, XZ, YX, YZ	°C	54	Balanced	ASTM D648 Test Method A	Thermal

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Heat deflection temperature (@1.82 MPa, 264 psi), ZX, ZY	°C	54	Balanced	ASTM D648 Test Method A	Thermal
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