



Argyle | materials inc.

B32 - Material Properties

B32 is the Argyle/Bolson analogue to ABS+(P430) and M30

Printers: F900 Plus, Fortus: 900MC, 450MC, 400MC, 380MC, 360MC and Vantage, Titan legacy printers. uPrint, Dimension, Fortus 200mc, 250mc and F Series: 170, 270, 370, 770

Test Method	Mechanical Properties	B32 Data - Metric	B32 Data - Imperial
ASTM D638	Tensile Strength, yield	44 MPa	6382 psi
ASTM D638	Tensile Strength, break	34 MPa	4930 psi
ASTM D638	Tensile Modulus	2200 MPa	319,080 psi
ASTM D790	Flexural Modulus	2390 MPa	333,586 psi
ASTM D256	Notched Izod Impact (23°C)	170 J/m	3.2 ft-lb/in
D 648	Heat Deflection Temperature unannealed @ 1.8 MPa	87°C	188°F
UL94	HB Flame Rating		

Specimen printed in XY flat plane, 0.013 layer thickness, black material on 400MC

These results will vary from build to build but show that our ABS “B32” is competitive with the Stratasys M30 and ABS+. The data is to be used as a comparative guide only and not a material specification.

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