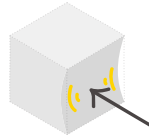




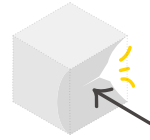
# Filament Specs Comparison



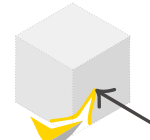
DENSITY



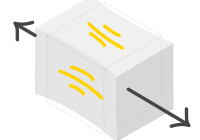
YOUNG'S



UTS



GLASS



ELONGATION



ALLOY 910

1.297 g/cc  
[Similar to Nylon 645]

502 MPa  
[Similar to T-Glase]

55 MPa  
[Similar to PLA]

82 °C  
[Similar to PETG]

32%  
-



NYLON 645

1.297 g/cc  
[Similar to Alloy 910]

212 MPa  
-

35 MPa  
[Similar to T-Glase]

52 °C  
-

186%  
[Similar to PETG]



BRIDGE NYLON

1.297 g/cc  
[Similar to Nylon 645]

183 MPa  
[Similar to Nylon 645]

33 MPa  
[Similar to PCTPE]

52 °C  
[Similar to Nylon 645]

248.2%  
-



PCTPE

1.297 g/cc  
[Similar to Nylon 645]

74 MPa  
-

35 MPa  
[Similar to Nylon 645]

74 °C  
[Similar to T-Glase]

497.6%  
-



PETG

1.27 g/cc  
[Similar to PLA]

2,100 MPa  
[Similar to PLA]

50 MPa  
[Similar to PLA]

80 °C  
[Similar to Alloy 910]

130%  
[Similar to Nylon 645]



PLA

1.24 g/cc  
[Similar to PETG]

2,315 MPa  
[Similar to PETG]

50 MPa  
[Similar to PETG]

60 °C  
-

3.31%  
-



T-GLASE

1.229 g/cc  
[Similar to PLA]

553 MPa  
[Similar to Alloy 910]

30 MPa  
[Similar to Nylon 645]

76 °C  
[Similar to PETG]

10.4%  
-