

Material Specification Sheets

FDM

Parameter	Unit	PLA	ABS
Build Space	mm	180x180x180	180x180x180
Tensile strength	MPa		47
Elongation at break	%		15-30
Modulus of elasticity	MPa		k.A.
Flexural Strength	MPa		62
Flexural Modulus	MPa		k.A.
HDT, °C @ 0.45MPa	°C		k.A.
HDT, °C @ 1.82MPa	°C		k.A.
Izod Notched Impact	J/m		10
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 ³		k.A.
Ash content	%		k.A.

