



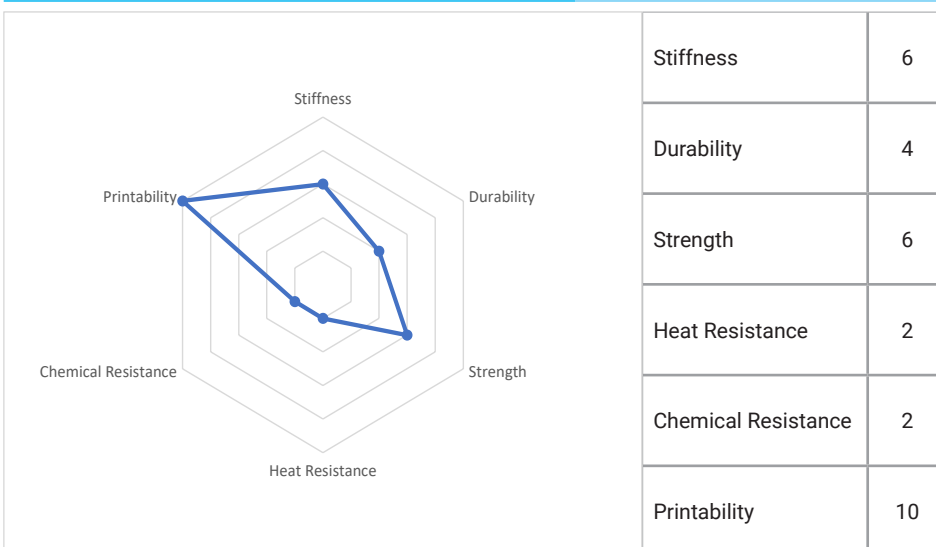
TECHNICAL DATA SHEET FOR PRODUCT

PLA

USE	Material for the FDM (FFF) 3D Printing Technology
Material	Poly lactide
Diameters	1.75mm
Tolerance	± 0.03mm
Weight	1 kg Netto ±5% - 1,2 kg Brutto ±5%
Colours	views in website https://ifilament.de/PLA-175-mm
Solvents	Aceton, Ethylacetat, Natriumhydroxid



Physical Properties	Test Method	Unit	Typical Value
Specific Density	ASTM D792	g/cm ³	1.24
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Moduls	ISO 527	MPa	3500
Tensile Strength	ISO 527	MPa	45
Elongation Break	ISO 527	%	5
Thermal Properties	Test Method	Unit	Typical Value
Heat Deflection Temperature 0.45 MPa	ISO 75	°C	60
Heat Deflection Temperature 1.8 MPa	ISO 75	°C	-
Vicat Softening Temperature	ISO 306	°C	-
Melting temperature	DSC	°C	155-160
Glass Transition Temperature	DSC	°C	60



Recommended pressure setting	
Nozzle	210 ±5°C
Heated Bed	60 °C

Need help ?

If you have any questions about the product or problems, please contact us via info@ifilament.de

