



ROYALFILAMENTS

TPU TECHNICAL DATA SHEET

HIGH QUALITY

- No bubbles
- Solid spool
- No warped



HEALTHY MATERIAL

- No toxic
- No odor
- RoHS material

MATERIAL DATA SHEET			
TPU			Test Method
Diameter	1,75	mm	
Tolerance	±0.03	mm	
Hardness	95	Shore A	ASTM D638
Tensile Modulus	26	MPa	ASTM D638
Tensile Stress at Yield	8.6	Mpa	ASTM D638
Tensile Stress at Break	39	39 MPa	ASTM D638
Izod Impact Strength, notched (at 23 °C)	19.1kJ/m ²	kJ/m ²	ASTM D256
Moisture Absorption	0,25	%	ASTM D570 (24h)
Glass Transition	-24	°C	DSC

PRINTING PARAMETERS		
Layer Height	0.1-0.3	mm
Print Speed	50-100	mm/s
Printing Temperature	200-230	°C
Hot bed temperature	70-80	°C
Nozzle	All diameters	
Printing speed	20-40	mm/s

Warning: Do not eat / Keep in dry

TPU filament should be dried at a temperature of around 50°C for more than four hours.

Manufacturer: ROYALFILAMENTS OEM , Shenzhen Sunhokey Electronics Co., Ltd



Print it easily and royally