

Technical Datasheet TPU

General Information

General information	TPU Filament
polymer name	Thermoplastic Polyurethane

Filament specifications

Trade diameter	1.75	mm
physical diameter	1.75	mm
tolerance	0.05	mm

Material specifications

Property	Value	unit	Test method
General			
Specific Gravity or Relative density	1.19	g/cc	ASTM D792
Mechanical			
Tensile Strength, Yield	4	MPa	ASTM D638
Tensile Strength, Ultimate	26	MPa	ASTM D638
Tensile Modulus	12	MPa	ASTM D638
Elongation at Yield	65	%	ASTM D638
Elongation at Break	660	%	ASTM D638