

## TPU 98 · Technical Data Sheet

### General Features

<b>Chemical Name</b> Thermoplastic Polyurethane	<b>Benefits</b> <ul style="list-style-type: none"> <li>• Semiflexible</li> <li>• High impact and abrasion resistance</li> <li>• Strong, shatter-resistant parts</li> </ul>	
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### Filament Characteristics

<b>Diameter</b>	Ø 1.75mm
<b>Meters per spool</b>	704,22m
<b>Weight per meter</b>	2.84g
<b>Tolerance</b>	±0.02mm

### Material Properties

		Typical value	ASTM Method
<b>Tensile Strength psi</b>	MPa	8400 (57,9)	D412
<b>Tensile Elongation 100%, psi</b>	MPa	2800 (19,3)	D412
<b>Tensile Elongation 300%, psi</b>	MPa	6100 (42,1)	-
<b>Ultimate Elongation</b>	%	420	-
<b>Density</b>	g/cm <sup>3</sup>	1.16	D792
<b>Hardness</b>	-	55 (±3)	D2240

### Physical Properties

	Typical value	ASTM Method
<b>Specific Gravity g/cm<sup>3</sup></b>	1.16	D792
<b>Hardness</b>	55 (±3)	D2240

#### Disclaimer:

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