

**TPE 300**

TPU

Advanced Laser Materials, LLC

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Abrasion resistance	31 <sup>[1]</sup>	mm <sup>3</sup>	ISO 4649
Shore A hardness	88	-	ISO 7619-1
<b>Other Standards<sup>[5]</sup></b>			
Tensile Strength	20 <sup>[1]</sup>	MPa	DIN 53504
Flexural modulus, 23°C	72	MPa	ISO 6721-1
Flexural modulus	27	MPa	ISO 6721-1
Flexural modulus temperature	60	°C	-

1: X-axis S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Bulk Density	600	kg/m <sup>3</sup>	-

**Characteristics****Processing**

Additive Manufacturing, Laser Sintering

**Applications**

Automotive

**Delivery form**

Powder, White

**Regional Availability**

North America, Europe, Asia Pacific

**Features**

Ductile