

TPE 360

TPE

Advanced Laser Materials, LLC

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	143 ^[1]	MPa	ASTM D 638
Tensile Strength	17 ^[1]	MPa	ASTM D 638
Elongation at Break	129 ^[1]	%	ASTM D 638
Shore A Hardness	94	-	ASTM D 2240
Tear Strength	103	kN/m	ASTM D 624
Compression Set, 22 hr @ 158 °F	59.5	%	ASTM D 395
Other Standards^[5]			
Taber Abrasion Resistance	67	mg/1000 cycles	ASTM D 4060

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

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	204	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	990	kg/m ³	ASTM D 792

Characteristics**Processing**

Additive Manufacturing, Laser Sintering

Delivery form

Powder, White

Features

Ductile

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific