

PA 415-GS

PA12-GF40

Advanced Laser Materials, LLC

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2700^[1]	MPa	ASTM D 638
Tensile Strength	40^[1]	MPa	ASTM D 638
Flexural Modulus	3106^[1]	MPa	ASTM D 790
Izod Impact notched, 1/8 in	41^[1]	J/m	ASTM D 256

1: XY-axis

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	179	°C	ASTM D 648
DTUL @ 264 psi	134	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1490	kg/m ³	ASTM D 792
Bulk Density	680	kg/m ³	-

Characteristics**Processing**

Additive Manufacturing, Laser Sintering

Applications

Sports Equipment

Delivery form

Powder

Regional Availability

North America, Europe, Asia Pacific

Features

Thermal Stability