

PA 620-MF

PA12-MF

Advanced Laser Materials, LLC

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	5725^[1]	MPa	ASTM D 638
Tensile Strength	51^[1]	MPa	ASTM D 638
Elongation at Break	5^[1]	%	ASTM D 638
Flexural Modulus	4550^[1]	MPa	ASTM D 790

1: XY-axis

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	184	°C	ASTM D 648
DTUL @ 264 psi	179	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792
Bulk Density	460	kg/m ³	-

Characteristics**Processing**

Additive Manufacturing, Laser Sintering

Applications

Aircraft and Aerospace, Automotive

Delivery form

Powder, White

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat