



PA605A

Alumide

Material Data

Aluminum filled nylon 12, metallic gray surface finish. This is great for areas in the automotive industry, tooling and fixtures. Also this material is a candidate for use in wind tunnels.

Mechanical Properties	Value	Test Standard
Sintered Part Density	1.47 g/cm ³	ASTM D792
Flexural Modulus(XY)	3517 MPa	ASTM D790
Ultimate Tensile Strength (XY)	43 MPa	ASTM D638
Ultimate Tensile Strength (Z)	37 MPa	ASTM D638
Shore D hardness (15s)	73	ASTM D2240

Thermal Properties	Value	Test Standard
Heat Deflection Temperature	137° C @ 1.82 MPa	ASTM D648

Product Features:

- Excellent Thermal and mechanical properties
- Finished parts look like cast aluminum

Characteristic:

Processing Laser Sintering

Natural Color Metallic Gray



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