



Duraform HST

Material Data

Duraform HST is a Mineral Filled Nylon 12 that provides exceptional combination of strength, stiffness and temperature resistance.

Mechanical Properties	Value	Test Standard
Sintered Part Density	1.20 grams/cm ³	ASTM D792
Ultimate Tensile (XY)	48-51 MPa	ASTM D638
Flexural Modulus (XY)	4,550 MPa	ASTM D790
Elongation at Break (XY)	4.5%	ASTM D638
Izod Impact Strength - Notched (XY)	37.4 J/m	ASTM D256
Izod Impact Strength - Un-notched (XY)	310 J/m	ASTM D256

Thermal Properties	Value	Test Standard
Heat Deflection Temperature	184 °C@0.45MPa	ASTM D648
Heat Deflection Temperature	179 °C@1.82MPa	ASTM D648

Product Features:

- Good mechanical properties
- Light weight
- Sand paper creates nice finish
- Good resolution

Characteristic:

Processing Laser Sintering
Natural Color Pale Grey



www.ult3d.com

quotes@ult3d.com

Feel free to email us questions at info@ult3d.com or call: 503-848-8227
We are located at 5575 SE Alexander St. Suite 400, Hillsboro, OR 97123