

| Mechanical properties         | Value               | Unit | Test Standard |
|-------------------------------|---------------------|------|---------------|
| <b>ASTM Data</b>              |                     |      |               |
| Tensile Modulus               | 1700 <sup>[1]</sup> | MPa  | ASTM D 638    |
| Tensile Strength              | 48 <sup>[1]</sup>   | MPa  | ASTM D 638    |
| Elongation at Break           | 24 <sup>[1]</sup>   | %    | ASTM D 638    |
| Flexural Modulus              | 1500 <sup>[1]</sup> | MPa  | ASTM D 790    |
| Shore D Hardness              | 73                  | -    | ASTM D 2240   |
| Izod Impact notched, 1/8 in   | 32 <sup>[1]</sup>   | J/m  | ASTM D 256    |
| Izod Impact unnotched, 1/8 in | 336 <sup>[1]</sup>  | J/m  | ASTM D 256    |

1: XY-axis

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| <b>ASTM Data</b>   |       |      |               |
| DTUL @ 66 psi      | 180   | °C   | ASTM D 648    |
| DTUL @ 264 psi     | 95    | °C   | ASTM D 648    |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1020  | kg/m <sup>3</sup> | ASTM D 792    |
| Bulk Density     | 460   | kg/m <sup>3</sup> | -             |

## Characteristics

### Processing

Additive Manufacturing, Laser Sintering

### Delivery form

Powder

### Special Characteristics

Flame retardant

### Applications

Aircraft and Aerospace, Automotive

### Regional Availability

North America, Europe, Asia Pacific