

**Evonik****INFINAM ST® 6100 L**

This material offers high-precision parts with exceptional mechanical properties, including high tensile strength, toughness, and impact resistance. It is also resistant to chemicals and high temperatures, making it suitable for a wide range of industrial applications. Moreover, the material's exceptional accuracy and surface finish make it an ideal choice for applications that demand high levels of detail and quality, including the production of molds, models, and tooling, as well as parts for the aerospace, automotive, or electronic industries. It meets biocompatibility standards for irritation and cytotoxicity.

**Features**

- High tensile strength
- High green body strength
- Very good weatherability
- Durable, tough and precise
- Biocompatible capable per ISO10993-23 and ISO10993-5

**Applications**

- High precision parts
- Industrial applications
- Connectors

**Ultimate Tensile Strength**

89 MPa

**Tensile Modulus**

3200 MPa

**Elongation at Break**

5 %

**Shore Hardness**

90 D

**HDT, 1.82 MPa**

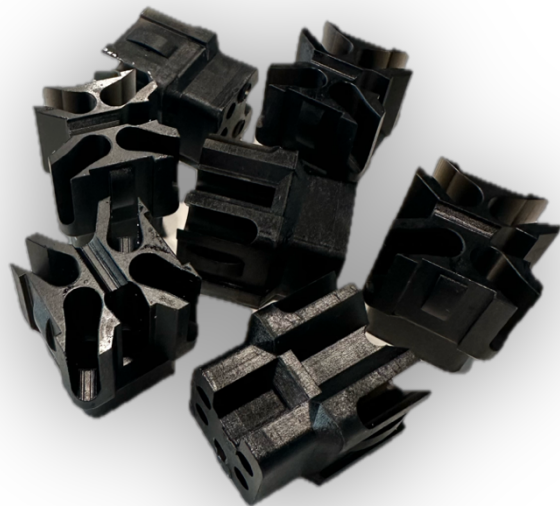
93°C

**HDT, 0.455 MPa**

120°C

**Flammability**

UL94 HB

[Technical Data Sheet](#)[Safety Data Sheet](#)