

### 3D Systems

## Figure 4® Hi-Temp 300-AMB

This material is an ultra-high temperature plastic for use in applications requiring high heat resistance. With an HDT of over 300°C at both low and high stress (HDT at 0.455 and 1.82 MPa), this material is well suited for the testing of high temperature components. It does not require a secondary thermal post-cure.

#### Features

- High-temperature resistant
- Translucent
- Impressive visualization properties
- No secondary thermal post-cure required
- Long term environmental UV and humidity stability

#### Applications

- High temperature components testing
- General use parts
- Low pressure molding/tooling: expanding foams, rubbers, etc.
- Overmolding

#### Solid Part Density

1.3 g/cc

#### Ultimate Tensile Strength

77 MPa

#### Tensile Modulus

4100 MPa

#### Elongation at Break

2.5 %

#### Unnotched Izod Impact Strength

102 J/m

#### Shore Hardness

89 D

#### HDT, 1.82 MPa

>300°C

#### HDT, 0.455 MPa

>300°C

#### Flammability

UL94 HB



[Technical Data Sheet](#)

[Safety Data Sheet](#)

