

3D Systems

Figure 4® MED-WHT 10

Rigid, white material for a range of medical and industrial applications, including when biocompatibility, sterilization and/or thermal resistance is required. Capable of meeting ISO 10993-5 and -10 standards for biocompatibility (cytotoxicity, sensitization, and irritation), this material can also be sterilized by autoclave. Delivers highly accurate parts with excellent feature resolution and high definition.

Features

- Biocompatible capable per ISO10993-5 and ISO10993-10
- Sterilizable by autoclave
- High temperature testing
- True-to-CAD accuracy and crisp feature detail
- Smooth surfaces for beautiful display models and prototypes

Applications

- General medical applications requiring biocompatibility, sterilization and/or thermal resistance
- Splints, surgical drill guides, bone models
- Parts requiring rigidity with high temperature and/or water resistance
- Parts with high-definition details

Solid Part Density

1.27 g/cc

Ultimate Tensile Strength

60 MPa

Tensile Modulus

3090 MPa

Elongation at Break

3 %

Unnotched Izod Impact Strength

91 J/m

Shore Hardness

91 D

Flammability

UL94 HB



HDT, 1.82 MPa
79°C

HDT, 0.455 MPa
102°C

[Technical Data Sheet](#)

[Safety Data Sheet](#)

