

3D Systems

Figure 4® Tough Clear

This material delivers a versatile combination of mechanical stability and properties suitable for functional prototyping or end-use parts. It offers high light transmission that can be made fully transparent with post-processing.

Features

- Excellent clarity that can be further improved with post-processing steps like clear coating
- Long-term environmental stability of mechanical properties and performance
- Ability to go from prototype to production parts using clear or transparent aesthetics
- Prototypes have longer lives and can be reused for longer periods of time
- Supports functional testing in outdoor settings
- Automotive fluid and chemical compatibility

Applications

- Lighting covers, cases, light guides
- Structural brackets, snap-fits, fasteners
- End-use manufacturing of high volume, small plastic parts
- Consumer goods, consumer packaging

Ultimate Tensile Strength

52 MPa

Solid Part Density

1.2 g/cc

Tensile Modulus

2300 MPa

Elongation at Break

12.3 %

Unnotched Izod Impact Strength

460 J/m

Shore Hardness

81 D



[Technical Data Sheet](#)

[Safety Data Sheet](#)

