

Photopolymer resin for functional parts

- **Printer compatibility** : Compatible with UV LED light sources from 365 nm up to 405 nm UV wavelengths.
- **Suitable for** : Mechanical assemblies, Functional parts, Snap-fit, Sporting goods, Tooling & Casing, Prototyping & Automotive.
- **Your benefits** : Fracture resistant, High impact, High toughness, Flexibility, Good thermal properties.

Mechanical & Resin properties : **3DM-IMPACT**

Tensile Modulus	ISO 527-2/93	2200 MPa
Tensile Strength	ISO 527-2/93	52 MPa
Elongation @ Break	ISO 527-2/93	25 %
Fracture Toughness - K1c	ISO 13586	1,440 MPa√m
Flexural Modulus	ISO 178/01	2000 MPa
Flexural Strength	ISO 178/01	80 MPa
Glass Transition Temperature	ISO 6721-7/96	80°C
HDT @ 0.45 MPa	ISO75-2/04	58°C
HDT @ 1.80 MPa	ISO75-2/04	46°C
Hardness - Shore D	ISO 868	81-82
Aspect		opaque white
Viscosity	@ 28°C	450-500 mPa.s
Density	@ 25°C	1.12 g/cm <sup>3</sup>