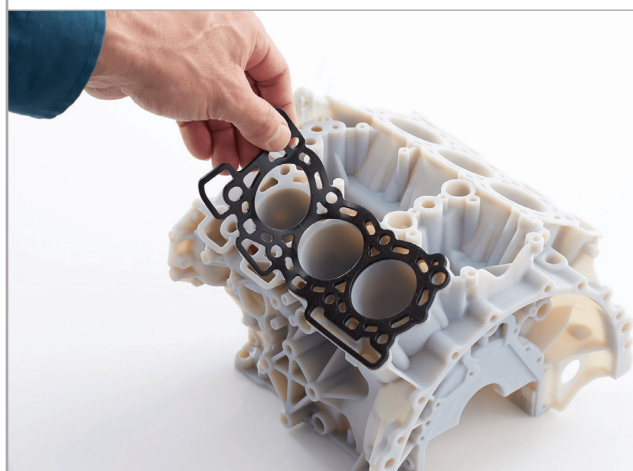


Agilus 30

Technology: PolyJet

COLOR OPTIONS: ■ Black □ Clear



APPLICATIONS:

Soft-touch components (grips, handles, coatings); Seals, gaskets, hoses, and overmolds; Wearables and footwear prototypes; Living hinges, jigs, fixtures, and manufacturing aids; Anatomical and medical training models simulating rubber-like tissue properties.

DESCRIPTION:

Agilus 30 is a high-performance, rubber-like Polyjet photopolymer engineered for 3D printing flexible, durable, and tactile prototypes. Renowned for its exceptional flexibility, durability, and tactile realism, this material is perfect for advanced design validation and rapid prototyping.

FEATURES:

Elastic & Tear Resistant Designed to endure repeated bending and flexing with remarkable tear strength.

Shape Memory & Fatigue Resistance Maintains form and performance under cyclic stress.

TECHNICAL DATA

| PROPERTY | ASTM | METRIC UNITS |
|---|-------|---------------|
| Tensile Strength | D638M | 2.4 - 3.1 MPa |
| Modulus of Elasticity, Youngs Modulus | D638M | N/A |
| Elongation Break (%) | D638M | 220 - 270 % |
| Flexural Strength | D790M | N/A |
| Flexural Modulus | D790M | N/A |
| IZOD Impact Strength (notched) | D256A | N/A |
| Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C) | D648 | N/A |

Versatile Material Mixing Can be combined with rigid Vero™ materials to build digital composites with adjustable hardness (30A–95A).