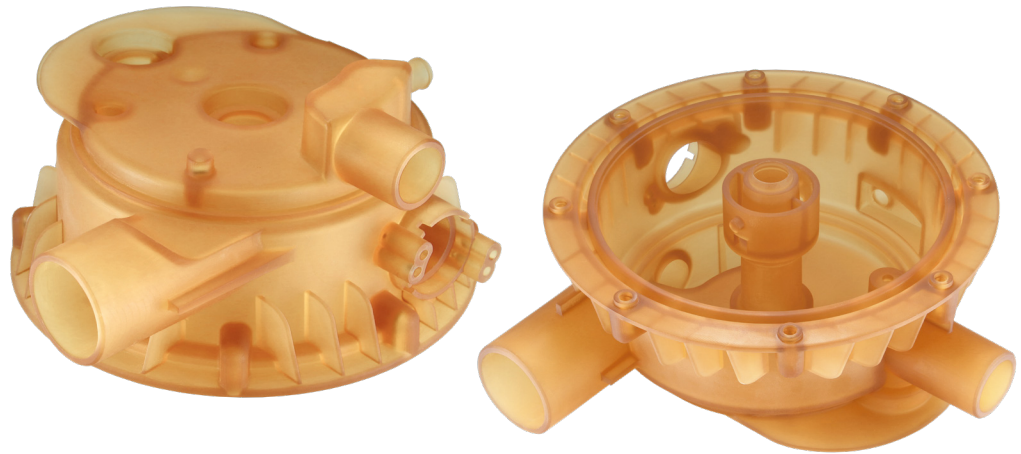


## E-RigidForm

Let us print your part!<sup>1</sup>



E-RigidForm is a polyurethane-like resin that 3D prints strong, hard and stiff parts that can be used for prototypes and end use.

Available in translucent amber, gray and black, E-RigidForm has high tensile strength (68-73 MPa) that compares with nylon 6 and polycarbonate. It also delivers good heat deflection and water resistance.

With a hardness value of Shore D 87, the same value as a cast urethane plastic, E-RigidForm is a versatile and tough material that is ideal for a wide range of industrial and consumer applications.

Material Properties <sup>2</sup>	
Description	Value
Tensile Strength	68-73 MPa
Elongation at Break	6-7 %
Tensile Modulus	2950 - 3250 MPa
Flexural Strength	120 - 126 MPa
Flexural Modulus	3340 - 3570 MPa
Hardness, Shore D	87
Heat Deflection Temperature @ 1.82 MPa	62.5°C
Impact Izod	30 J/m
Viscosity	460cP @ 30°C
Water Absorption	0.67% at 48 hours
Post-Processing For Results Above	UV SCU 2 X 60 min.

### Recommended 3D Printer Family<sup>3</sup>

3SP Family, Perfactory Family, Micro Family

<sup>1</sup> Learn more at [EnvisionTEC.com/printmypart](http://EnvisionTEC.com/printmypart)

<sup>2</sup> All data provided is preliminary and must be verified by the individual user

<sup>3</sup> May not be suitable for all machine models within a 3D printer family. Please refer to specific model online for compatibility.