

A photograph of a person's legs and feet in mid-stride, running on a paved path. The person is wearing black leggings and red and black running shoes. The background is a blurred green landscape with a yellow curb.

Materials that can go the distance **Somos® NeXt Aging Data**

Game-changing Stereolithography materials

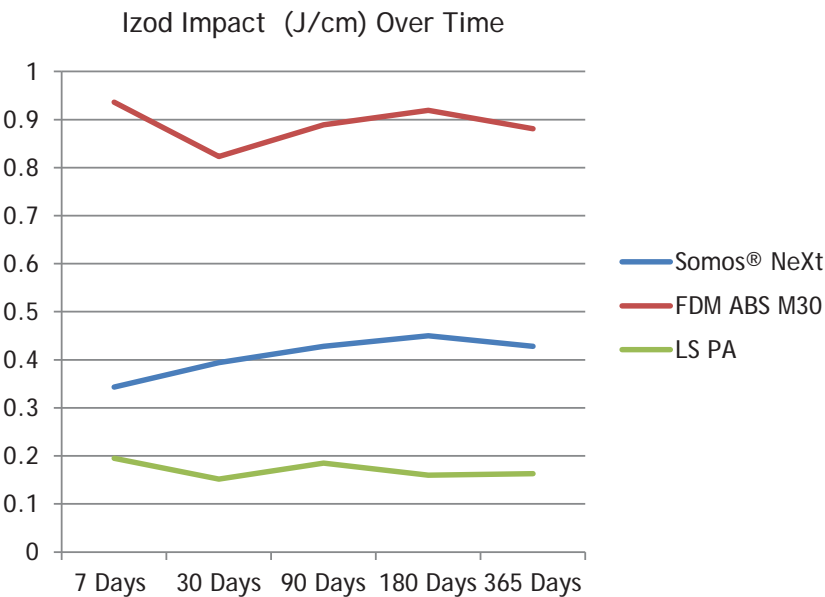
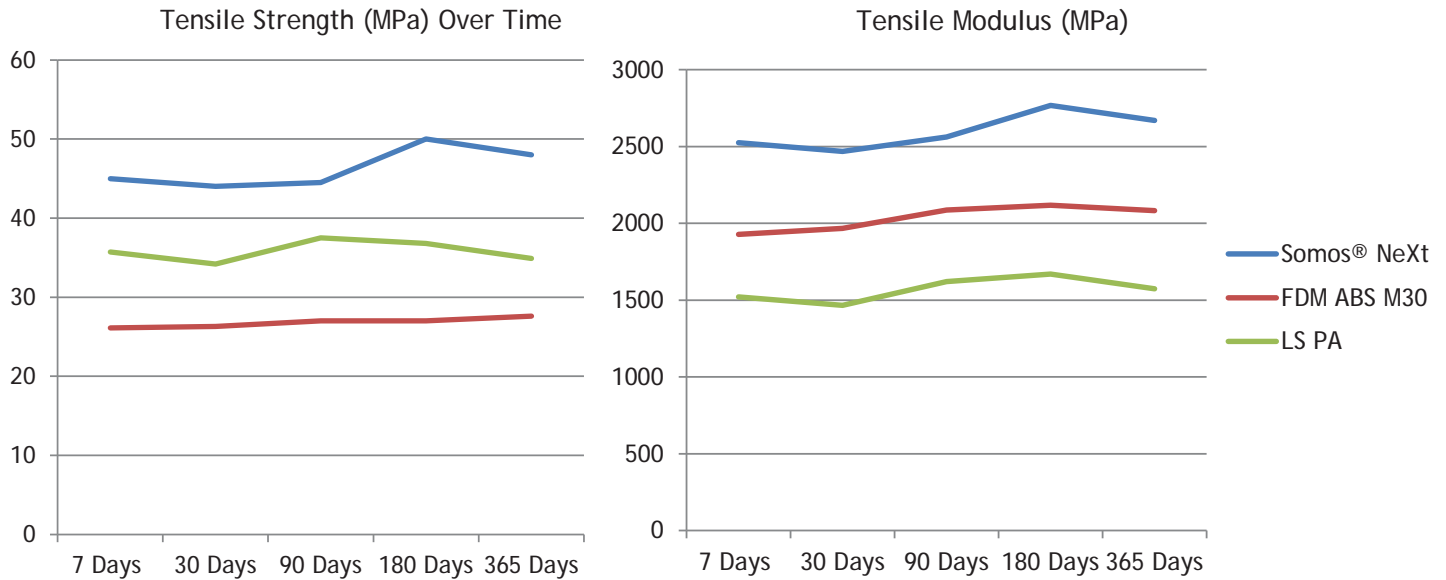
There's a common misconception that SL materials lose their physical properties and become brittle and break over time. That may have been true for the first generations of materials, but not for the new generation of SL resins from Somos®.

Somos® R&D invests considerable time and money to develop the best SL materials available today. Characterizing the long term stability of these materials is becoming critical in qualifying them for production environments.

The results of Somos® NeXt are in

Somos® compared general physical properties of Somos® NeXt with a LS PA and a FDM ABS over the course of one year. Even after one year, Somos® NeXt was comparable to FDM and LS with little overall change in tensile properties. Now, engineers considering 3D printing their production parts can think outside the box and use Somos® NeXt and stereolithography's fine feature detail, high accuracy and smooth surface quality for their applications. Perfect for non-critical components like harnesses, spacers, jigs and fixtures, Somos® NeXt takes SL to the next level.

Somos® NeXt Aging Data



NOTE: Parts were aged in controlled temperature and humidity and kept away from light.
 Temperature 30° C; R/H 50%; Tensile testing followed ASTM D638; Izod Impact followed ASTM D256A

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