Engineering grade, amorphous polymer designed for high strength, superior layer adhesion, long-term stability, and clean operation.

- Best-in-class Z-strength
- Zero VOC emissions
- Low moisture absorption
- High purity
- Medical grade ingredients

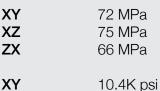
- Compatible with Rizium™
   family of material enhancers:
  - Rizum™ Marking Ink
  - Rizum™ Release Agent

## Flexural Strength max strain, 23°C XY 72 MPa

ΧZ

ZX

## Flexural Modulus





250K psi

256K psi

222K psi



Tests performed with parts printed on Rize™ One printer using solid infill. Test method: ISO 178, method A



**Volume Resistivity, \Omega -cm**  $> 10^{16}$  (insulative)

Dielectric Constant 2.2 Dielectric Breakdown, KV/mm 70

10.8K psi

9.5K psi



Glass Transition, C 99° Heat Deflection (HDT), C 86°

Flame Classification UL94-HB @ 2.75mm



Specific Gravity 1.01
Moisture Absorption < .01%

Chemically resistant to acids, alcohols, and ketones.



**VOC Emissions**None **Health**Skin and food contact safe\*

Venting Requiremnents
Residual Metals Content
None
< .02 ppm

\*ingredients only



**Packaging** 50 in<sup>3</sup> (820g) spool, individual carton **Shelf Life** One year

Storage Requirements Store in carton until ready for use

Specifications are subject to change without notice. Data presented are actual measured values and not guaranteed specifications. They do not guarantee performance level under actual usage. Actual user results can vary based on part design, application, user, operating and testing conditions and more. Users are responsible for determining that Rize<sup>TM</sup> materials are lawful and technically suitable for their applications and for disposal or recycling methods according to applicable environmental laws and regulations. Rize Inc. makes no warranties of any kind, express or implied, including, but not limited to, the warranties of merchantability, fitness for a particular use or warranty against patent infringement.