

**INDUSTRIAL 3D PRINTING** MADE EASY Fastest Time to Fabricated Part

riZ∈



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<sup>™</sup>
  - family of material enhancers:
    - RIZIUM<sup>™</sup> Marking Ink
    - RIZIUM<sup>™</sup> Release Agent

	Flexural Strength max strain, 23°C	Flexural Modulus
Ø	XY 72 MPa   XZ 75 MPa   ZX 66 MPa	1724 MPa 1766 MPa 1535 MPa
	XY 10.4K psi   XZ 10.8K psi   ZX 9.5K psi	250K psi 256K psi 222K psi Orientation: xz
	Tests performed with parts printed on RIZE <sup>™</sup>	ONE printer using solid infill. Test method: ISO 178, method A
7	Volume Resistivity, Ω -cm Dielectric Constant Dielectric Breakdown, KV/mm	> 10 <sup>16</sup> (insulative) 2.2 70
	Glass Transition, C Heat Deflection (HDT), C Flame Classification	99° 86° UL94-HB @ 2.75mm
<b>Å</b>	Specific Gravity Moisture Absorption Chemically resistant to acids, alco	1.01 < .01% bhols, and ketones.
	VOC Emissions Health Venting Requiremnents Residual Metals Content	None Skin and food contact safe <sup>*</sup> None < .02 ppm
	Packaging Shelf Life Storage Requirements	50 in <sup>3</sup> (820g) spool, individual carton One year 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>™</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.