

Zortrax Resin BASIC

An epoxy-based resin offering sharp edges, high detail, and short curing times. It's durable and easy to print.

Mechanical Properties	Metric	Imperial	Test Method
Tensile Strength	35.7 MPa	5180 psi	DIN EN ISO 527-1
Elongation at Break	3%	3%	DIN EN ISO 527-1
E-Modulus	1.56 GPa	226 ksi	DIN EN ISO 527-1
Other Properties	Metric	Imperial	Test Method
Viscosity	33 - 57 mPa-s	0.000689 - 0.00119 lbf-s/ft ²	DIN EN ISO 2431
Shrinkage	2% +/- 1%	2% +/- 1%	ISO 2577
Shore Hardness (D)	82.2	82.2	ISO 7619-1

Compatible with	Layer Thickness Range		Available Colors
ZORTRAX Inkspire	0.025 mm	0.000984 in	 pigment-free
	0.05 mm	0.00197 in	
	0.10 mm	0.00394 in	

The data presented in this document are intended for information and comparison purposes only. They should not be used for project specifications or its quality evaluation. The material's actual properties depend on the printing process conditions, the design structure and its purpose, test conditions, etc.

Product specifications are subject to change without notice.

Each user is responsible for complying with product safety standards, its intended use as well as the law and waste disposal (and recycling) rules for electrical and electronic equipment. Zortrax does not make any express or implied warranties, including but not limited to implied warranties of merchantability or fitness for a particular purpose.



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