

Zortrax Inkspire 2: Dedicated Resins List

	Name	Producer	Description	Color	Type	Density
1.	Zortrax Henkel LOCTITE Resin Pro 410	Zortrax & Henkel	Zortrax Henkel Loctite Resin Pro 410 is a photopolymer resin which offers high print accuracy. It offers high rigidity and excellent surface finish.	Black	Basic/Tough	1.10 g/cm ³
2.	Henkel LOCTITE 3D 3843 HDT60 High Toughness Matte Black	Henkel	LOCTITE 3D 3843 HDT60 Matte Black by Henkel is a semi-flexible photopolymer resin with high impact resistance. It offers excellent surface finish.	Matte Black	Tough	1.07 g/cm ³
3.	Henkel LOCTITE 3172 HDT50 High Impact Grey	Henkel	LOCTITE 3172 HDT50 High Impact Grey by Henkel is a photopolymer resin aimed at the industrial sector. It offers high impact resistance.	Grey	Tough	1.10 g/cm ³
4.	Ultracur3D® EL 150	BASF	Ultracur3D® EL 150 by BASF is a flexible resin for elastic applications with medium hardness. It offers very good elongation at break properties.	Clear	Elastic	1.04 g/cm ³
5.	Ultracur3D® EL 60	BASF	Ultracur3D® EL 60 by BASF is a flexible resin with quick elastic response and medium hardness. It offers very good elongation at break properties.	Clear	Elastic	1.08 g/cm ³
6.	Ultracur3D® EL 4000	BASF	Ultracur3D® EL 4000 by BASF is a flexible resin with high hardness (Shore 90 A). It offers superior strength and tear resistance.	Clear	Elastic	1.06 g/cm ³
7.	Ultracur3D® ST 80	BASF	Ultracur3D® ST 80 by BASF is a multi-purpose resin for applications requiring high toughness. It also offers high impact resistance.	Clear	Tough	1.08 g/cm ³
8.	Ultracur3D® RG 35	BASF	Ultracur3D® RG 35 by BASF is a rigid resin for high performance functional parts. It offers very high stiffness and high temperature resistance.	Clear	Tough	1.12 g/cm ³
9.	Ultracur3D® RG 1100	BASF	Ultracur3D® RG 1100 by BASF is a high-strength resin for demanding applications. It offers very good temperature and chemical resistance.	Clear	Tough	1.12 g/cm ³
10.	Ultracur3D® FL 60	BASF	Ultracur3D® FL 60 by BASF is a flexible resin with low hardness (Shore 60 A). It offers high tear strength.	Clear	Flexible	1.12 g/cm ³

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	Name	Producer	Description	Color	Type	Density
11.	BlueCast X5 LCD/DLP Resin	BlueCast	BlueCast X5 LCD/DLP is a precise castable 3D printing resin designed for jewelry casting. It has burnout properties with 0.00% ash residue.	Blue	Jewelry	1.08 g/cm ³
12.	BlueCast X10 LCD/DLP Resin	BlueCast	BlueCast X10 LCD/DLP is an advanced castable resin designed to guarantee smooth surfaces and precise details in relatively big models requiring large amounts of metal.	Transparent blue	Jewelry	1.08 g/cm ³
13.	BlueCast Original LCD/DLP Resin	BlueCast	BlueCast Original LCD/DLP is a precise castable resin for light and filigree jewelry. It shows minimal shrinkage and excellent dimensional accuracy.	Dark blue	Jewelry	1.05 g/cm ³
14.	BlueCast X-One Resin	BlueCast	BlueCast X-One Resin is a precise castable resin offering almost no shrinkage and very high dimensional stability. It ensures smooth surface finish.	Dark green	Jewelry	1.08 g/cm ³
15.	Zortrax Resin Basic	Zortrax	Standard photopolymer resin available in white. It can be cured by light with 405 nm wavelength.	White	Basic	1.05 g/cm ³
16.	Zortrax Resin Basic	Zortrax	Standard photopolymer resin available in grey. It can be cured by light with 405 nm wavelength.	Grey	Basic	1.05 g/cm ³
17.	Zortrax Resin Tough	Zortrax	Zortrax Resin Tough Clear is a durable resin with unique properties. 3D prints can imitate glass in designs such as transparent prototypes, as well as ready-to-use lighting elements or decorative pieces.	Clear	Tough	1.115 g/cm ³
18.	Zortrax Resin Tough	Zortrax	Zortrax Resin Tough White is a durable resin with low shrinkage and smooth surfaces. It is suitable for printing models that have to be assembled from multiple objects, as well as end-use products.	White	Tough	1.115 g/cm ³
19.	Zortrax Resin Tough	Zortrax	Zortrax Resin Tough Grey is a durable resin with low shrinkage and smooth surfaces. It is suitable for printing models that have to be assembled from multiple objects, as well as end-use products.	Grey	Tough	1.115 g/cm ³
20.	Zortrax Resin Tough	Zortrax	Zortrax Resin Tough Black is a durable resin with low shrinkage and smooth surfaces. It is suitable for printing models that have to be assembled from multiple objects, as well as end-use products.	Black	Tough	1.115 g/cm ³