



Siraya Tech

Technical Data Sheet

Siraya Tech Tenacious Easy Flexible Model Resin

- Easy Grey
- Easy Navy Grey



Product Introduction

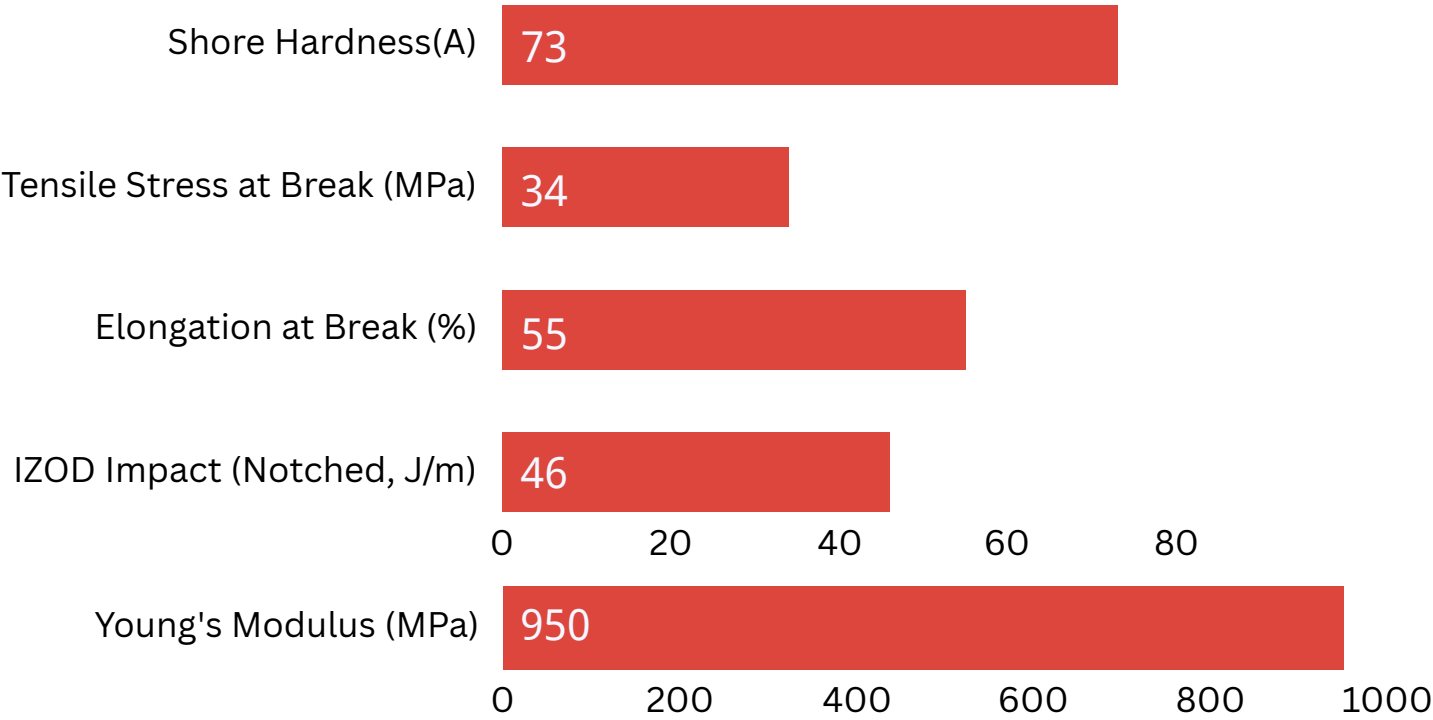
Tenacious Easy

Key Features

- **Enhanced Printability:** Tenacious Easy resin exhibits a lower viscosity than the original, streamlining the printing process.
- **Flexibility and Impact Resistance:** This resin is specifically engineered for superior impact resistance, ensuring a blend of durability and flexibility.
- **Precision and Clarity in Details:** Tenacious Easy is optimized for capturing intricate details and delivering high-resolution prints, making them stand out with exceptional clarity and quality.

Application:

- Rapid prototyping
- Miniature models
- Art and Sculptures
- Mechanical Parts and Components



Property Data

Mechanical Properties	Measure	Method
Tensile Stress at Yield	32	ASTM D638
Tensile Stress at Break	34	ASTM D638
Young's Modulus	950	ASTM D638
Elongation at Break	55	ASTM D638
Flexural Modulus	1750	ASTM D790

Other Properties	Measure	Method
HDT at 0.455 MPa	60	ASTM D648
IZOD Impact (Notched) J/m	46	ASTM D256
Shore Hardness (D)	73	ASTM D2240
Solid Density	1.15	ASTM 792
Water Absorption (24hr)	2%	ASTM D570
Biocompatibility	Not test	-

Liquid Properties	Measure	Method
Viscosity at 25°C (77°F)	250	ASTM D7867
Liquid Density	1.1	ASTM D1475

PS: Test results may vary based on model size and thickness.

Work Flow

Specification	Data
Type	Model Resin
Name	Tenacious Easy
Colors	Easy Grey, Easy Navy Grey
Net Weight / KG	1
Gross Weight / kg	1.3
Capacity / ml	909
Package Size / cm	42*33*25

Printing Settings

Tenacious Easy is a prototyping resin material that balances flexibility and strength. It is widely compatible with MSLA/LCD 3D printers. It can also print on some 405mm SLA/DLP printers if you have access to exposure controls.

To achieve optimal results with Tenacious Easy resin, you need to use the appropriate slicer profiles for your printer model and software. Download [Siraya Tech V5 test model](#) for free and start printing.

You can download the slicer profiles for Chitubox and Lychee slicers from this link: <https://siraya.tech/pages/print-settings-download>

Clean

Here are some tips for cleaning your printed parts:

- **Cleaning Tools**

Use a brush with hair (like a painter's brush) to remove excess resin from the printed part.

Work Flow

Clean

- **Cleaning Solution**

Preferably use 95% concentrated Ethanol or Isopropyl Alcohol (IPA) for cleaning. Methanol can be used too, but ensure it's acetone-free.

- **Cleaning Duration**

Clean for 2-3 minutes in total.

- **Drying Process**

Use a hairdryer or air blower to dry the parts after cleaning. Repeat the cleaning and drying process several times for complex parts with many cavities.

- **Final Check**

Touch the dried surface of the part to check for stickiness. If it's still sticky, wash and dry again.

Post Curing

- **Please note before curing**

Make sure resin is completely cleaned off and there is no alcohol left on the print before curing.

- **Curing Tips**

Curing by submerging objects in water will significantly increase curing efficiency.

- **Curing time**

Tenacious reached its optimal strength when the printed part is post-cured with UV after cleaning. Use 395-405nm UV light and cure for about 5 minutes.