

CONJURE

TOUGH Resin

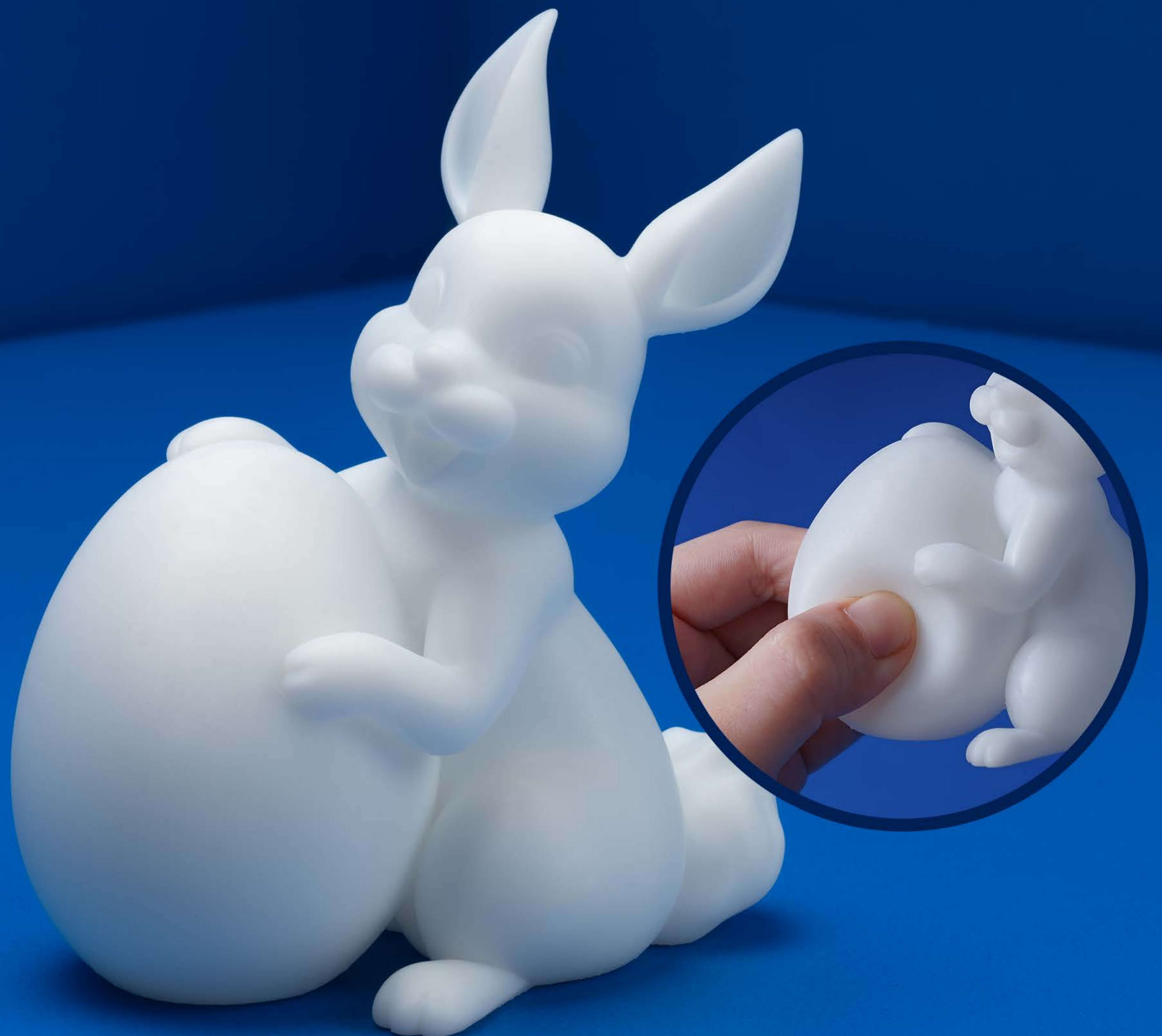
Conjure tough resin with physical properties similar to rubber, it has great impact resistance, printed parts can be folded multiple times without breaking, Great for rapid prototyping and design iteration.

For

Grips

Handles

Buffers



	Post-Cured	Unit	Method
Ultimate Tensile Strength	25.88	MPa	ASTM D638
Tensile Modulus	310	MPa	ASTM D638
Elongation at Break	50.29	%	ASTM D638
Yield point elongation	5.64	%	ASTM D638
Flexural Strength	15.05	MPa	ASTM D790
Flexural Modulus	417	MPa	ASTM D790
Notched IZOD	491	J/m	ASTM D256
Shrinkage	0.2-0.7	%	/
Shore Hardness	75-85	D	ASTM D2240
Viscosity	300-600	MPa · s	ASTM D445
Density	1.05-1.13	g/cm ³	ASTM D792
Range of wavelengths	385-410	nm	/

- Rotational Viscometer (25°C) ,Put the test strip in the water and cure it for 1 minute on the front and back under 405-band ultraviolet rays at 200mw/cm². 50% RH±5% RH, 23°C±2°C
- The typical values given in this data sheet are for information and comparison purposes only. Actual values may vary significantly depending on printing conditions. the end-use performance of a 3D printed part depends not only on the material, but also on the design of the part, the environmental conditions in which it is used, the printing process, the testing conditions, etc. Product specifications are subject to change without notice.