HeyGears

ULTRAGLAZE
ClearG115 Gloss Glaze

HeyGears' ClearG115 Gloss Glaze is designed to provide a gloss aesthetic and a protective layer for 3D printed surfaces. It is suitable for projects such as figurines and models, 3C electronics casings, wearables, and more.

Once cured, the glaze achieves the Class 0 adhesion standard, ensuring strong bonding and resistance to peeling. Coated models gain improved toughness, stable mechanical properties, and excellent UV resistance to prevent yellowing or cracking. The cured glaze is also skin-safe.

- Highly Resistant to Removal
- Improved Toughness*
- UV-resistant
- Skin-safe

Color

Gloss

Specification

250 g/Bottle

*Data from HeyGears Lab, tested on PAT10 3D printed models with HeyGears' ClearG115 Gloss Glaze.
*Model created by HeyGears, Female-Miniatures.

www.heygears.com sales@heygears.com +1 (949)-418-9418 (USA)

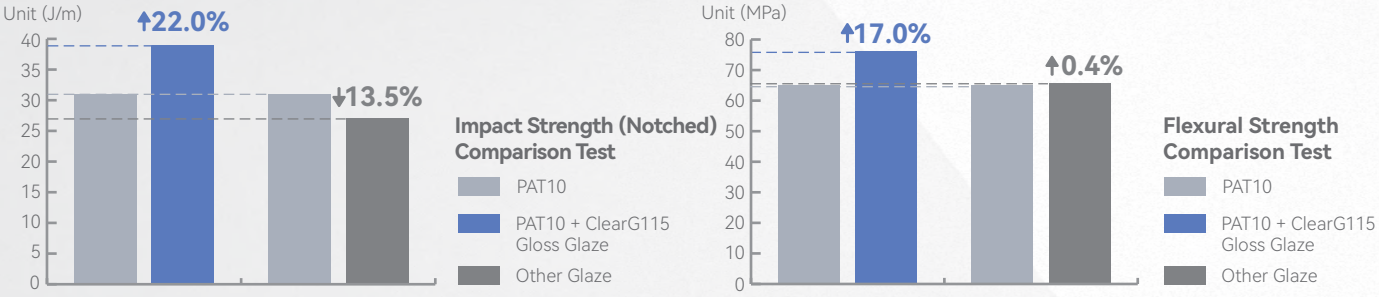
Ver 1.0
08.2025

Basic Performance[1]

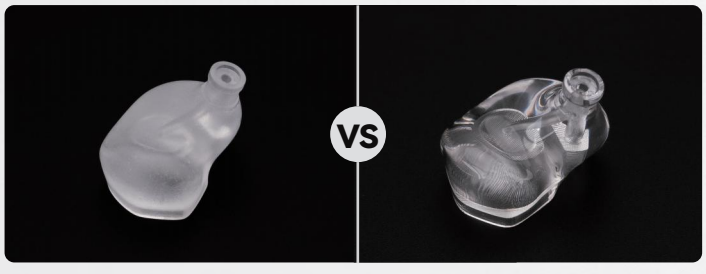
	Property	Standard	Result	Unit
Material Properties	Adhesion	ISO 2409:2020	Class 0	/
	Hardness	ISO 15184	H	/
	Wear Resistance	ASTM D1044-24 1000 g, CS-17, 500 r	0.04	%
	Gloss Value	ISO 2813 (60° Angle)	115	GU
	Alcohol Resistance	Alcohol Rub Test	≥200	Times
Additional Passed Tests	UV Light Aging Test[2]	ASTM G154	600	h
	Damp Heat Test	IEC 60068-2-78	√	/
	Temperature Change Test	GB/T 2423.22	√	/
	Color Fastness Test	ISO 105-E04	√	/
	In Vitro Cytotoxicity Test	ISO 10993-5:2009	√	/
	Skin Sensitization Test	ISO 10993-10:2021	√	/
	Skin Irritation Test	ISO 10993-23:2021	√	/

Mechanical Property Comparison Tests[3]

Printed with PAT10 resin and coated with HeyGears' ClearG115 Gloss Glaze, the model exhibits improved toughness for better impact resistance and increased flexural strength to resist breakage.



Before & After



Before After

Sample Request

[1] Data from HeyGears Lab, tested on PAT10 3D printed models with HeyGears' ClearG115 Gloss Glaze.

[2] Equivalent to 8 years of indoor use or 1 year of outdoor use, the material's properties degrade by less than 30%, with a non-significant color change ($\triangle E < 2$) and a dimensional deviation of ±0.1 mm.

[3] Data from HeyGears Lab. The material results are the average values from testing, with a deviation of ±10%.