



# DCA PLUS

## Direct Print Aligner/Retainer Resin

White

ISO Standard	Tested Property	Test Result
ISO 10993-10:2021	Skin Sensitization	Pass
ISO 10993-5:2009	In Vitro Cytotoxicity	Pass
ISO 10993-11:2017	Systemic Toxicity And Subacute Systemic Toxicity	Pass
ISO 10993-23:2021	Oral Mucosa Irritation	Pass
ISO 10993-11:2017	Sub-chronic Systemic Toxicity	Pass
ISO 10993-6:2016	Local Effects After Implantation	Pass
ISO 10993-3:2014	Bacterial Reverse Mutation Assay	Pass
ISO 10993-3:2014	In Vitro Mammalian Chromosome Aberration	Pass

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White

## DCA PLUS

DCA PLUS White is designed for LuxCreo's direct-print aligners and retainers. It powers the 4D Bright™ aligners which have dual-action that **straightens teeth** and **enhances aesthetics** to deliver patient comfort and brighter smiles in one seamless treatment.



### Benefits:

- **ActiveMemory™ Polymer:** Restores both shape and force upon heat excitation
- **Thinner Shell Printability:** Deliver consistent tooth-moving force with thinner 0.5 mm shell design
- **Enhanced Durability:** Improved material longevity and performance
- **Instant Whitening:** Instant natural and whiter smiles with effective teeth movement



Property	Procedure	DCA PLUS White
Tensile Strength	ASTM D638	38.84 MPa
Elongation at Break	ASTM D638	94.15 %
Impact Properties	ISO 180/A	4.49 KJ/m <sup>2</sup>
Flexural Strength	ASTM D790	38.14 MPa
Heat Deflection Temperature	ASTM D648	70.0 °C
Tg (DMA, tan(δ))	ASTM D4065	133.19 °C

Compatible with iLux Pro Dental, fastprint.io solution