



Night Guard



Super Clear with LEAP® Tech by LuxCreo



High Flexibility & Toughness



DNG18

[1kg Bottle]

DNG enables the direct printing of retainers, nightguards, and dental splints with a clear material and minimal postprocessing. Uniquely engineered for 3D printing at high speeds to enable maximum throughput, DNG possesses industry-leading toughness and biocompatibility. Launching exclusively with our Lux 3 printer.

Composition: methacrylate, photo-initiator, inhibitor, and pigment

Flexural Properties		
Flexural Strength	ASTM 790	55 MPa
Flexural Modulus	ASTM 790	1500 MPa
Tensile Properties		
Tensile Strength	ASTM D638	10
Elongation at Break	ASTM D638	60%
General Properties		
Hardness	Shore D	45A
Viscosity @ 25°C (cPS)	ASTM 7867	800
Biocompatible		
Cytotoxicity	ISO 10993	Complies
Irritation	ISO 10993	Complies
sensitization	ISO 10993	Complies

Indications for Use :The DNG material is indicated for the fabrication of night guards, splints, retainers, snoring appliances, mouthguards and bite planes.

Product Description : DNG is a light-curing resin for the 3D printing of biocompatible dental devices using DLP printers (385-405nm) and LCD printers (385-405nm).