



MOVINGLight®
High Resolution
Liquid Resin 3D Printers



A PORTFOLIO OF PREMIUM MATERIALS

Prodways' exclusive MOVINGLight® technology, based on photopolymerization of liquid resin via moving DLP® projectors, is designed to work with premium acrylate and hybrid resins to deliver unequaled levels of precision and productivity for a large array of applications in industries such as dental, medical, aerospace, investment casting, molding, and R&D centers.

INNOVATION AND EXPERTISE

Prodways is constantly working to develop new materials with unique mechanical, physical, and aesthetic properties, supported by integrated R&D teams as well as strategic partners. Our experts also support customer research and innovation for the development of new materials to push MOVINGLight® 3D printing technology into new territories.

LOCTITE 3D IND475

Key Features



A single component UV resin to produce soft, elastomeric material with a good balance of hardness, strength and elongation

	Appearance	White
	Typical application	Industry, Automotive, Customer Goods
	Compatible machines	LD Series
	Liquid density (g/cm)	1,02
	Viscosity at 25°C (77°F)	1,400
	Tear Strength (kN/m)	13
	Elongation at Break (%)	200
	Water Absorption (24hr)	2,1
	Shore Hardness A	57
	Energy Return (%)	55
	By	Henkel

LOCTITE 3D 3843

Key Features

A high strength engineering plastic with good impact resistance and excellent surface finish

	Appearance	Matte Black
	Typical application	Industry, Automotive, Consumer Goods
	Compatible machines	LD Series
	Liquid density (g/cm)	1,07
	Viscosity at 25°C (77°F)	720-870
	Tensile Stress at Break (MPa)	51
	Young's Modulus (MPa)	1800

	Elongation at Break (%)	43
	HDT at 0.455 MPa (°C)	63
	IZOD Impact (Notched)	53
	Water Absorption (24hr)	1,94
	Shore Hardness (0s)	75
	By	Henkel

*The information mentioned in this brochure aim to present technical characteristics of resins tested on our machines, under specific lab conditions. The end application using these materials for actual products are beyond our control and the end user is responsible for the validation and technical match with the intended end use application.

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