



DMG-301

Gray Dental Modeling

Technical Data Sheet

General Information

DMG-301 is formulated to work with DLP and SLA 3D printers using 385-405 nm light. It is specifically tuned to print in open mode on the Form2 printer.

This resin reliably produces prints with low shrinkage and has excellent positive and negative resolution. DMG-301 will extend the window lifetime of the windows of printers that use PDMS interfaces.

Chemical Data

			Method
Viscosity (cps) @ 25 °C	1510		Brookfield SP #31
	Fresh Print	Post-cured	
Tensile Modulus (mPa)	350	730	ASTM D 638-14
Tensile Strength (mPa)	17	32	ASTM D 638-14
Elongation (%)	21	13	ASTM D 638-14
Shore Hardness	64 D	82 D	

**Parts were post-cured for 10 min each side with a UV LED at 10 mW/cm².*

**Properties may vary in orientation and post-treatment.*

Form2 Settings

DMG-301 is recommended to print with Grey V4 settings in Open Mode.

Post Cure Procedure

Parts should be post cured under a UV LED light for 10 minutes on a side at 10 mW/cm² or a broadband UV light source at 10 minutes a side to bring the parts up to their full properties