



DMG-301

Gray Dental Modeling

Technical Data Sheet

General Information

This resin reliably produces prints with low shrinkage and excellent resolution. DMG-301 is formulated to work with DLP and SLA 3D printers using 385-405 nm light. DMG-301 will extend the window lifetime of the windows of printers that use PDMS interfaces.

Chemical Data

		Method
Viscosity (cps @ 24 °C)	1510	Brookfield SP #31
	Post-cured	
Tensile Modulus (mPa)	730	ASTM D 638-1V
Tensile Strength (mPa)	32	ASTM D 638-1V
Elongation (%)	13	ASTM D 638-1V
Shore Hardness	82 D	

**Parts were post-cured for 10 min each side with a 395-405nm LED at 10 mW/cm².*

**Properties may vary with 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 either a 395-405 nm LED for 10 minutes on a side at a minimum of 10 mW/cm² or a broadband UV light source at 10 minutes a side to bring the parts up to their full properties

Storage and Handling

DMG-301 stable for up to 1 year at ambient conditions.

This product is light sensitive and should not be exposed to daylight, UV light and artificial lighting during storage.

Exposure to daylight, UV light and artificial lighting should be kept to a minimum during handling.