



PR57 CMYK+W Prototyping Material

Technical Data Sheet

General Information

PR57 is formulated to work with DLP and SLA 3D printers using 385-405 nm light. It is specifically tuned to print on the Autodesk Ember printer. PR57 will extend the window lifetime of the Ember and other printers that use PDMS windows. This resin reliably produces prints with good positive and negative resolution. This resin is offered in Cyan, Magenta, Yellow, Black and White. All colors can be mixed and printed to achieve the perfect color.

Chemical Data

			Method
Viscosity (cps @25 °C)	400		Brookfield SP #31
	Fresh Print	Post-cured	
Tensile Modulus (mPa)	600	1400	ASTM D 638-14
Tensile Strength (mPa)	16	28	ASTM D 638-14
Elongation (%)	5	3	ASTM D 638-14

**Parts were post-cured for 10min a side with a broad spectrum UV light at 30mW/cm².*

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

Post Cure Procedure

Parts should be post cured under a broad band, UV light for 10 minutes on a side at 30 mW/cm² to bring the parts up to their full properties