

Proto600

MATERIAL PROPERTIES DATA

FLUID PROPERTIES

Color	Opaque White
Viscosity	~441cps at 30°C
Density	~1.15g/cm ³ at 25°C

MECHANICAL PROPERTIES

PROPERTY	VALUE	ASTM METHOD
Tensile Strength	41.7~43.2Mpa	ASTM D638
Tensile Modulus	1136~1152.5Mpa	ASTM D638
Elongation at Break	11.4%~12%	ASTM D638
IZOD Impact (notched)	17.4~21.9J/m	ASTM D638
Flexural Strength	51.5~53.7Mpa	ASTM D790
Flexural Modulus	1490~1641Mpa	ASTM D790
Shore D	80D	ASTM D2240

THERMAL PROPERTIES

PROPERTY	VALUE	ASTM METHOD
HDT at 0.46MPa	51.5~56.8°C	ASTM D648

APPLICABLE 3D PRINTER

Technology Type	SLA
Wavelength	355nm