

# 8360X-SLA

## Description

This product has low viscosity and is easy to clean

- Milky white viscous liquid, with molded parts appearing ivory white
- Suitable for high-precision stereolithography (SLA) 3D printing rapid prototyping systems with 355 nm light sources
- High hardness and strength, and good heat resistance
- Parts made with it featuring high precision and excellent dimensional stability
- Suitable for applications requiring high toughness and high temperature resistance, such as pipes, clips, electronic device casings, automotive shells, and dashboard components



## Parameters

Liquid properties	
Test items	Value
Appearance	Milky white viscous liquid
Viscosity (at 25°C)	320cps
Density (at 25°C)	1.14g/cm <sup>3</sup>
Penetration Depth (Dp)	0.12mm
Critical Exposure Energy (Ec)	10.30mJ/cm <sup>2</sup>

Test items	Test Method	UTR8360x	ABS
Tensile Strength (MPa)	ASTM D638M	53.7	45.7
Tensile Modulus (MPa)	ASTM D638M	3160	
Elongation at Break (%)	ASTM D638	5.1	42
Flexural Strength (MPa)	ASTM D790	78.6	73.5
Flexural Modulus (MPa)	ASTM D790	2450	2300
Impact Strength (J/m)	ASTM D256	31	160
Water Absorption	ASTM D570	0.49	0.2-0.45
Hardness - Shore D	ASTM D2241	84	81
Heat Deflection Temperature	ASTM D648 0.45mpa	59.1	84
Heat Deflection Temperature	ASTM D648 1.82mpa	52	80

