

8360X

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 ³		
Penetration Depth (Dp)	0.12mm		
Critical Exposure Energy (Ec)	10.30mJ/cm ²		
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