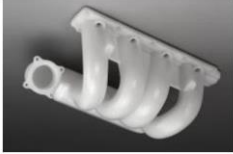


Standard Resin White 9400E

Description

The Standard Resin features outstanding surface detail and white texture, making it the most commonly used resin. It offers excellent dimensional accuracy, a matte surface finish, an opaque appearance, and precise details.

It is capable of presenting smooth surfaces and details, making it ideal for demonstration or as a base for painted prints.



Features

[Print size]: 1700*900*700 mm

[Features]: The most commonly used resin, high detail, preferred for industrial applications, low cost, easy to mold, smooth, excellent surface finish.

Color: White

Advantages: High dimensional stability, high resolution and fine detail, low cost, most commonly used

Disadvantages: Not UV resistant

Parameters

Liquid performance index			
Inspection item	xxx		
appearance	Milky white viscous liquid		
Viscosity (30℃)	320cps		
Density (25℃)	1.14g/cm3		
Curing depth (Dp)	0.12mm		
Critical Exposure Energy (Ec)	10.30mJ/cm2		
Parts performance index			
Test items	Detection 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
Bending 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	0.20-0.45
Shore hardness (D)	ASTM D2241	84	81
Heat distortion temperature (y)	ASTM D648 0.45MPa 59.1		84
Heat distortion temperature (y)	ASTM D648 1.82MPa 52		80