

PRODUCT DESCRIPTION

iForm 636 Rigid resin

Yousu Rigid resin is a kind of rigid resin with high precision and quick curing, specially designed for parts requiring strength and toughness.

ATTRIBUTES		
Resin model	UV photosensitive resin for Line SLA	
Grade	IForm 636	
Color	White,Grey,Transparent	
Viscosity(25℃)	134.6cps	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	49.96MPa	ASTM D638
Elongation at break	24.86%	ASTM D638
Notched impact strength	18J/m	ASTM D256
Heat deflection temperature(0.45MPa)	>80℃	ASTM D648
Hardness	85D	ASTM D2240
PRINTING INFORMATION		
Normal exposure cycle	3~5	
Bottom exposure cycle	27~35	
Bottom layer	6	
Layer thickness	0.05mm	

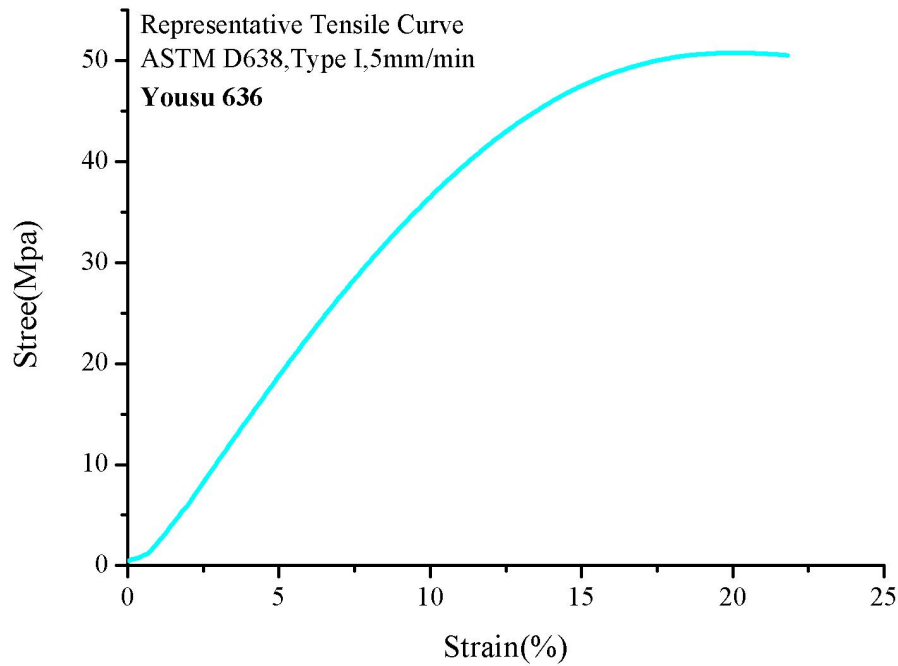
POST-PROCESSING STEP

1. Once the printing is completed, products need to rinse in alcohol and dry normally.
2. Post-curing is required for **some products** to reach its **highest** possible strength and stability.
3. Supports are removed from the products for a clean finish.

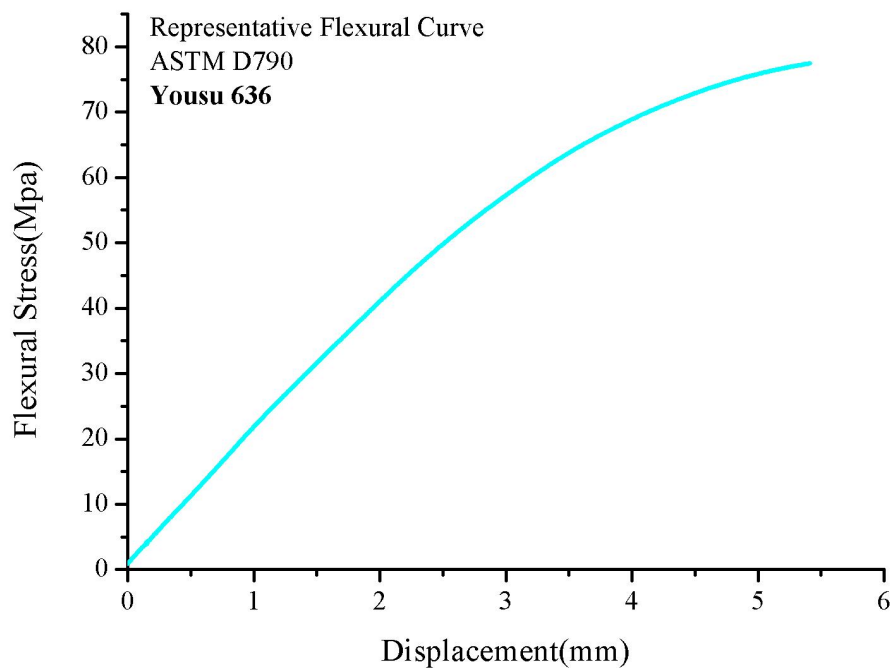
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MECHANICAL PROPERTIES

Representative Tensile Curve



Representative Flexural Curve



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