

# White Liquid Casting Resin

## Making Prototype Models, Specialeffect Props and Decorative Jewelry Within 20mins



## White Liquid Casting Resin

PUM614 liquid plastics are ultra-low viscosity resins that yield castings that are bright white. Normally vacuum degassing is not necessary and they offer the convenience of a 1:1 mix ratio. It can works with RTV silicone molds . Fully cured castings are machinable and paintable. There are plastics offer tremendous versatility and economy. Perfect for casting detailed models, props and cast effect pieces.

### Product Highlights

- Bright White and Virtually Bubble Free
- Refined Appearance
- Odorless
- Good mechanical properties
- Easy to paint and Fast Curing



### Customizable

- Custom Packaging
- Custom Formulations
- Custom Kits  
(measuring cups, molds, stirring rods, etc.) to customize the set.



### TECHNICAL OVERVIEW

Physical Propertiest	DATA
Mix Ratio By Weight	1A : 1B
Mixed Viscosity mPa.s	63mPa.s
Pot Life	100-120s
Cure Time - 73° F / 23°C	20mins
Full Cure Time- 73° F / 23°C	72 Hours
Color	A:Clear B:Brown
Appearance	White
Color after Mixed	Liquid
Density before mixing at 25 °C (g/cm3)	A:0.96 B:1.11
Density after curing at 23 °C (g/cm3)	1.07
Viscosity at 25 °C (mPa. s)	A:60 B:65
These tests were conducted at 77°F/25°C.	

Heat Resistance Performance	DATA
Glass transition temperature Tg	75°C
Shrinkage	0.6-0.8%
Flexural Strength	32MPa
Elongation at Break %	11%
Compressive Strength	0.15-0.25KJ/m2
Shore D Hardness	75D

Mechanical Performance	DATA
Tensile Strength	39MPa
Flexural Modulus	1650MPa
Flexural Strength	32MPa
Elongation at Break %	11%
Compressive Strength	0.15-0.25KJ/m2
Shore D Hardness	75D

Contact Our Representative NOW!



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