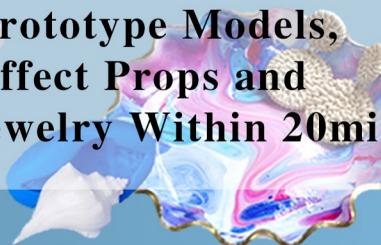


White Liquid Casting Resin



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 work with RTV silicone molds. Fully cured castings are machinable and paintable. These 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



TECHNICAL OVERVIEW

Physical Properties	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.	

Customizable

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

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!



<https://www.diyresins.com>



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