



# ResinLab®

AN ELLSWORTH ADHESIVES COMPANY 



Product  
Spotlight  
**UR6060**

ResinLab® UR6060 is quickly becoming one of the best known products in the LED market. It's used extensively in potting electronics and LED encapsulation. UR6060 is a water white, two-part, low viscosity, room temperature curing, polyurethane resin system. Product is ISO 10993-5 certified.

## UR6060 Features & Benefits:

- High transparency, water white clarity for LED brightness
- Long term UV stability for a non-yellowing casting
- Low viscosity, easy to process, 1:1 mix ratio
- Medium work life allowing air release, but relatively fast room temperature cure
- Excellent mechanical properties, medium hardness, tough and resilient
- Very good scratch and mark resistance
- Good adhesion to various substrates helps to seal the components from moisture
- Non-toxic and good shelf life
- Good electrical insulation properties
- Lower cost than silicone LED encapsulants



For more information on ResinLab® UR6060, contact



800-888-0698 | [info@ellsworth.com](mailto:info@ellsworth.com)

## UR6060 Properties:

<b>Viscosity</b>	<b>Gel Time</b>
1050 cps	25 min/44 gram sample
<b>Hardness</b>	<b>Tensile Strength</b>
80 Shore A	400 psi
<b>Modulus</b>	<b>Elongation</b>
2,000 psi	25%
<b>Lap Shear Strength</b>	<b>Glass Transition Temp</b>
400 psi	-2 °C

UR6060  
is available in:

- 50ml cartridges
- 400ml cartridges
- Gallon pails



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