



ResinLab®

AN ELLSWORTH ADHESIVES COMPANY 



ResinLab® UR6000 BLACK is a cost effective, two component, flame retardant polyurethane designed for potting and encapsulating electronic components. This low viscosity formulation allows for a relatively fast gel time that can be further accelerated by mild heat. With a 4:1 by volume mix ratio it can be easily dispensed using automatic meter, mix equipment. UR6000 BLACK is UL Certified 94V-0 self-extinguishing at a 3.0mm thickness.

UR6000 Black Features & Benefits:

- UL recognized flame retardant, self-extinguishing, 94V-0
- Lower cost than similar epoxy-based flame retardant encapsulants
- Fast room temperature cure
- Low viscosity for ease of processing
- 4:1 by volume mix ratio
- Very good scratch and mark resistance
- Excellent electrical insulation properties
- Good adhesion to many plastics



For more information on ResinLab® UR6000, contact



800-888-0698 | info@ellsworth.com

UR6000 BLACK

is available in:

Bulk gallons

5 gallon pails

Drums



UR6000 Black Properties:

Viscosity	Gel Time
5,000 cps	25 min/150cc sample
Hardness	Tensile Strength
70 Shore D	1,100 psi
Thermal Conductivity	Shear Strength
0.48 W/(m*K)	1,200 psi (Al/Al)
Flame Resistance	Glass Transition Temp
UL Certified. 94V-0 @ 3mm	-27 °C

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