

CREATE INVISIBLE BONDS WITH VISIBLE RESULTS

ARALDITE® 2028-1 adhesive creates transparent bonds that can withstand harsh conditions.

ARALDITE® 2028-1 adhesive offers resistance to hot, humid and dusty outdoor environments, making it especially well-suited for use on traffic light housings and digital signage, as well as LED bonding and potting. This UV-stable adhesive stays invisible, with no yellowing, even after thousands of hours of light exposure.

Working with this uniquely non-CMR (Carcinogenic, Mutagenic or Reprotoxic) polyurethane adhesive helps create a safer work environment and minimizes your investment in safety measures. Non-foaming and easy to use, automated application of ARALDITE® 2028-1 adhesive enables faster production cycles with long-lasting, reliable results.

PRODUCT BENEFITS

- Transparent
- UV stable
- Fast curing

MADE POSSIBLE



MAKE YOUR DESIGN STAND OUT BY KEEPING BOND LINES INVISIBLE.



ARALDITE® 2028-1 adhesive allows bonding at up to 104°F, enabling repair work in hot conditions.

SUPERIOR PERFORMANCE

30 mins

30-min fixture time at room temperature

2C

Polyurethane technology

2,320 psi

Tensile modulus

1,595 psi

Tensile strength

ca. 60%

Elongation at break

Watertight and UV stable

Passes 500 hrs Atlas 500 W/m² accelerated sun test



6 mins

6-min pot life at room temperature

122°F

122°F maximum continuous operating temperature*

* For the maximum continuous operating temperature, we consider the maximum temperature for which the residual lap shear strength is 1/3 of the lap shear strength at room temperature or the temperature for which the residual lap shear strength is 725 psi.

With our Material Models, you get fast and accurate simulations when qualifying adhesives for your project.

Click to find your Material Model



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