

CREATE TOUGH BONDS THAT LOOK GREAT

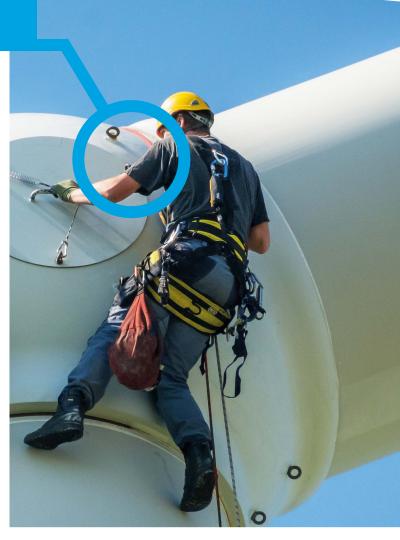
ARALDITE® 2031-1 adhesive gives you the power to create tough, yet elegant products.

ARALDITE® 2031-1 adhesive provides the balance of finesse and toughness that you need to create high-performance products with standout aesthetics. Offering superior resistance to dynamic loads, along with high fracture toughness, this well-proven adhesive is suited for use on sports cars, racing boats and bicycles.

Black in color, ARALDITE® 2031-1 adhesive allows you to create invisible bond lines on carbon composites, with spacers to ensure a minimum bond line thickness of 0.05 mm. The adhesive provides resistance to weathering and high lap shear strength for use on products in demanding outdoor conditions, such as wind turbine blades.

PRODUCT BENEFITS

- Black color to match carbon composites
- Room temperature curing
- Resistant to weathering and dynamic loading





CREATE ELEGANT YET TOUGH COMPOSITE APPLICATIONS WITH INVISIBLE BOND LINES.



ARALDITE® 2031-1 adhesive is a black adhesive specifically designed to bond advanced composites with high strength.

SUPERIOR PERFORMANCE	
60 mins	
60-min pot life at room temperature	
2C	145,038 psi
Epoxy technology	Tensile modulus
3,335 psi Tensile strength	ca. 12% Elongation at break
212°F	
212°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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