

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



Legal information

All trademarks mentioned are either property of or licensed to Huntsman Corporation or an affiliate thereof in one or more, but not all, countries. Sales of the product described herein ("Product") are subject to the general terms and conditions of sale of either Huntsman Advanced Materials LLC, or its appropriate affiliate including without limitation Huntsman Advanced Materials (Europe) BVBA, Huntsman Advanced Materials Americas Inc., or Huntsman Advanced Materials (Hong Kong) Ltd. or Huntsman Advanced Materials (Guangdong) Ltd. ("Huntsman"). The following supersedes Buyer's documents. While the information and recommendations included in this publication are, to the best of Huntsman's knowledge, accurate as of the date of publication, NOTHING CONTAINED HEREIN IS TO BE CONSTRUED AS A REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT OF ANY INTELLECTUAL PROPERTY RIGHTS, OR WARRANTIES AS TO QUALITY OR CORRESPONDENCE WITH PRIOR DESCRIPTION OR SAMPLE, AND THE BUYER ASSUMES ALL RISK AND LIABILITY WHATSOEVER RESULTING FROM THE USE OF SUCH PRODUCT, WHETHER USED SINGLY OR IN COMBINATION WITH OTHER SUBSTANCES. No statements or recommendations made herein are to be construed as a representation about the suitability of any Product for the particular application of Buyer or user or as an inducement to infringe any patent or other intellectual property right. Data and results are based on controlled conditions and/or lab work. Buyer is responsible to determine the applicability of such information and recommendations and the suitability of any Product for its own particular purpose, and to ensure that its intended use of the Product does not infringe any intellectual property rights. The Product may be or become hazardous. Buyer should (i) obtain Material Safety Data Sheets and Technical Data Sheets from Huntsman containing detailed information on Product hazards and toxicity, together with proper shipping, handling and storage procedures for the Product, (ii) take all steps necessary to adequately inform, warn and familiarize its employees, agents, direct and indirect customers and contractors who may handle or be exposed to the Product of all hazards pertaining to and proper procedures for safe handling, use, storage, transportation and disposal of and exposure to the Product and (iii) comply with and ensure that its employees, agents, direct and indirect customers and contractors who may handle or be exposed to the Product comply with all safety information contained in the applicable Material Safety Data Sheets, Technical Data Sheets or other instructions provided by Huntsman and all applicable laws, regulations and standards relating to the handling, use, storage, distribution and disposal of and exposure to the Product. Please note that products may differ from country to country. If you have any queries, kindly contact your local Huntsman representative.

ARALDITE® is a trademark of Huntsman Corporation or an affiliate thereof in one or more, but not all, countries.
© 2023 Huntsman Corporation. All rights reserved.
Ref. No. AdMat_Araldite 2028-1_core range_EN_US_May 2023

Americas

Huntsman Advanced Materials Americas Inc.
10003 Woodloch Forest Drive
The Woodlands, TX 77380, USA
Tel.: +1 888 564 9318
Fax: +1 281 719 4047



BPA free

Asia Pacific

Huntsman Advanced Materials (Guangdong) Co., Ltd.
Shanghai Branch Office
455 Wenjing Road, Minhang District
Shanghai 200245, P.R. China
Tel: +86 21 3357 6588
Fax: +86 21 3357 6547

Europe, Middle East & Africa

Huntsman Advanced Materials (Switzerland) GmbH
Klybeckstrasse 200
P.O. Box
4002 Basel, Switzerland
Tel.: +41 61 299 1111
Fax: +41 61 299 1112

For more information: www.huntsman.com