

May 30, 2023



# ARALDITE® Insulation Epoxy Successfully Applied in The World's Largest Dry-Type Power Transformer

**SHANGHAI, China, May 30, 2023** --Advanced Materials experts from Huntsman (NYSE: HUN) have collaborated with TBEA Group, a global leading enterprise in manufacturing of power transmission and distribution equipment with an annual transformer output of 260 million kVA, ranking first in the world, on an outdoor dry-type transformer (DDT), which has the world's largest capacity and the highest voltage. It has just passed the final trial and was officially put into service at the end of April.

The size of the dry-type power transformer is about 9.6 meters in length, 6.3 meters in width and 5 meters in height. Its total weight is more than 160 tons. Most importantly, it has a capacity of 50,000 kVA and a voltage class of 115:36.5, which is the highest in the world's electrical industry.

Due to the large size and high voltage, the project demanded higher requirements for performance. ARALDITE® insulation epoxies were up to the challenge, delivering anti-cracking, electrical insulation, and thermal conductivity properties for the record-breaking DDT.

"ARALDITE® insulation epoxy plays a key role in this project, especially in the insulation material's post-curing and demold process, which solved the easy-to-crack problem brought on by the transformer's large size," said TBEA Group Chief Technical Head Jie Meng.

This success allows for more options for power transmission and distribution in high voltage areas. Jason Song, senior sales manager for power applications in Huntsman's Advanced Materials division said, "Before the successful trial of the 50000kVA/110kV dry-type power transformer, oil type transformers were typically used in high voltage areas. However, oil type transformers can be subject to environmental concerns with their flammability and potential leaks. Dry-type transformers are not prone to those same risks."

Jordan Wu, technical service manager of power applications for Huntsman's Advanced Materials division added, "The successful application of ARALDITE® insulation epoxy in the world's largest capacity and the highest voltage dry-type power transformer is a milestone in the electrical industry. We hope to see additional development and utilization of large capacity, high voltage dry-type transformers in the future."

**About Huntsman:** *Huntsman Corporation is a publicly traded global manufacturer and marketer of differentiated and specialty chemicals with 2022 revenues of approximately \$8 billion from our continuing operations. Our chemical products number in the thousands and are sold worldwide to manufacturers serving a broad and diverse range of consumer and*

*industrial end markets. We operate more than 60 manufacturing, R&D and operations facilities in approximately 30 countries and employ approximately 7,000 associates within our continuing operations. For more information about Huntsman, please visit the company's website at [www.huntsman.com](http://www.huntsman.com).*

**Social Media:**

Twitter: [www.twitter.com/Huntsman\\_Corp](https://www.twitter.com/Huntsman_Corp)

Facebook: [www.facebook.com/huntsmancorp](https://www.facebook.com/huntsmancorp)

LinkedIn: [www.linkedin.com/company/huntsman](https://www.linkedin.com/company/huntsman)

**Forward-Looking Statements:** *Certain information in this release constitutes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These statements are based on management's current beliefs and expectations. The forward-looking statements in this release are subject to uncertainty and changes in circumstances and involve risks and uncertainties that may affect the company's operations, markets, products, services, prices and other factors as discussed under the caption "Risk Factors" in the Huntsman companies' filings with the U.S. Securities and Exchange Commission. Significant risks and uncertainties may relate to, but are not limited to, volatile global economic conditions, cyclical and volatile product markets, disruptions in production at manufacturing facilities, reorganization or restructuring of Huntsman's operations, including any delay of, or other negative developments affecting the ability to implement cost reductions, timing of proposed transactions, and manufacturing optimization improvements in Huntsman businesses and realize anticipated cost savings, and other financial, economic, competitive, environmental, political, legal, regulatory and technological factors. The company assumes no obligation to provide revisions to any forward-looking statements should circumstances change, except as otherwise required by applicable laws.*

ARALDITE® is a trademarks of Huntsman Corporation or an affiliate thereof in one or more, but not all, countries.

While all the information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE. IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE. The sale of products referred to in this publication is subject to the general terms and conditions of sale of Huntsman International LLC or of its affiliated companies.