

Polymerize to Showcase Cloud-Based Material Informatics Platform at JEC World 2024



Polymerize

Paris, France Feb 20, 2024 ([IssueWire.com](https://www.issuewire.com)) - [Polymerize](https://polymerize.io), a cloud-based material informatics platform, designed by researchers for researchers, is thrilled to announce its participation in JEC World 2024, the biggest composite trade show. The company will be showcasing its to R&D scientists, researchers, and industry professionals at the event.

The material informatics industry has seen a growing need for advanced AI technology to streamline research processes and achieve cost-savings. Polymerize's proprietary AI models have been proven to accelerate formulations development, predict formulations with over 95% accuracy, and achieve up to 50% cost-savings in R&D. In addition, Polymerize helps to accelerate formulation development by up to 3 times, making successful predictions from as low as 25 data points.

Polymerize has 2 flagship features

Explainable AI is a feature built by a team of data scientists and polymer experts, to enable AI transparency for material scientists. The AI engineers made sure they opened the black-box models (with explainability and interpretability), to quantify and highlight relationships between the input formulations and output properties in the data. Consequently, Polymer Scientists were responsible for analyzing and validating given relationships with academic research and theoretical frameworks of the industry before approving the model for usage.

Poly GPT is a new feature that leverages Large Language Models (LLM) to enable quick and easy analysis of technical documents, such as papers and patents, to realise a more efficient research and development process. This new function also embodies our mission to 'speed up our customers' research and development through the power of Generative AI.

Polymerize will be exhibiting at [JEC World 2024](https://www.jecworld.com), Hall 6, stand 6N116. Attendees are invited to learn more about Polymerize and witness how researchers use these flagship features to fast track their R&D. Specific time slots can be booked for a personalized demo through their website at <https://polymerize.io/products/overview/>.

[?]About Polymerize[?]

Polymerize is a global material informatics company headquartered in Singapore. Established in 2020,

Polymerize has since grown to 3 offices – Singapore, India and most recently Japan. Their customers span these countries in addition to Germany and the United States. Polymerize collaborates with companies in the automotive, adhesives, paints & coatings, specialty chemicals and packaging sectors.

❓Polymerize information❓

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Representative: Kunal Sandeep (Co-Founder and CEO)

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Founded in: May, 2020

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