

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

Polymerize, 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.



# Polymerize

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 open 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.

We invite attendance to learn more about Polymerize and witness how Polymerize Labs use AI help researcher fast track their R&D. Book a specific time slot to get your personalised demo via our website at <https://polymerize.io/products/overview/> or meet us at [JEC World 2024](#), Hall 6, stand 6N116.

### **【About Polymerize】**

'Transforming materials development with AI - Polymerize, the materials informatics company'

Polymerize is a global company headquartered in Singapore. We work with customers in Southeast Asia, Europe, the US and Japan to explore new possibilities in materials development.

While the need for Materials Informatics is increasing, many are still unsure of how to get started or whether it is really worth the investment. To address these concerns, we offer the most appropriate approach for your situation.

### **【Polymerize information】**

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<For inquiries from the press, please contact>

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