University of Virginia, Astronomy Department

CHALLENGE:
Development of telescope lens technology

CONDUCTED AT
THE POLYMERS CENTER:
Trials were conducted to assist UVA's researchers in creating compounds

RESULT:
Results to be published when research is completed

Radio telescopes are remarkable instruments that make it possible to expand our understanding of the universe. With their large dish antennas, they can detect radio waves from billions of light years away. This allows us to observe distant objects in the universe, such as galaxies and quasars.

A successful trial in telescope technology was conducted at The Polymers Center by University of Virginia (UVA) researchers.

THE POLYMERS CENTER

The Extrusion and Compounding Lab team at The Polymers Center assisted UVA's researchers in creating the compounds necessary for their development in telescope lens technology.

The trial utilized The Polymers Center's 21mm co-rotating twin screw extruder, a piece of equipment that allows for the rapid creation of samples, a feature our customers particularly appreciate for its efficiency and precision.

Liam Walters, from the Astronomy Department at UVA, has been involved in multiple compounding trials at The Polymers Center. His trials demonstrate the center's commitment to supporting pioneering research and technological excellence.

Contact us to learn more about our engineering capabilities and fully equipped facility. Working with The Polymers Center enhances your capabilities in developing new and improved products.

The Polymers Center was established to further knowledge, offer technical assistance, and help businesses in the plastics industry. We provide the opportunity to work with experts in a unique setting with the finest technology to enhance the performance of products.

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