



Aerogel Technologies ([www.aerogeltechnologies.com](http://www.aerogeltechnologies.com)) is a fast-moving startup transitioning into its growth phase that specializes in the production of aerogels, the world's lightest solid materials. Recently our company has brought to market a new class of ultralight structural materials that are simultaneously superinsulating and soundproofing called Airloy Ultramaterials that offer the strength and durability expected of engineering materials yet are 3-15x lighter than plastics or composites. Our company works to provide cutting edge multifunctional material solutions to a wide variety of customers including those working with aerospace, automotive, construction, and other engineering applications.

We are seeking an ambitious, talented, multidisciplinary engineer to develop polymer aerogel materials and production systems and processes. In this position you will

- Develop aerogel materials for target applications
- Transition early-stage aerogel formulations to commercial products
- Develop and test manufacturing methods, equipment, and systems for aerogel materials
- Perform materials characterization using nitrogen sorption, helium pycnometry, mechanical properties testing, thermal conductivity analysis, and on occasion XPS, XRD, SEM, and TEM
- Characterize moisture, temperature, and other environmental sensitivities of materials
- Work with clients iteratively to achieve specific application targets
- Prepare progress updates and presentations for the company and client(s)
- Work with other engineers on the development team

Qualified candidates have a bachelor's, master's, or doctoral degree in mechanical engineering, materials science and engineering, chemical engineering, manufacturing engineering, or a related field. Qualified candidates have a cooperative attitude and a willingness to take on tasks outside their normal course of duty in support of the team. Ideal candidates are interested in a commitment of at least two years, with a desire to continue on as an influential contributor to our company's future. This is a full-time job located in Boston, MA.

Position start date is May 1, 2020, but actual start date could be delayed due to the COVID-19 pandemic.

Aerogel Technologies is an equal opportunity employer.

*For more information about Aerogel Technologies, please visit our site at [www.aerogeltechnologies.com](http://www.aerogeltechnologies.com) or browse our products on our ecommerce platform [BuyAerogel.com](http://BuyAerogel.com). Additional information can be found on our YouTube channel at <http://www.youtube.com/aerogeltech>.*

Interested candidates should submit a cover letter and CV/resume to [jobs@aerogeltechnologies.com](mailto:jobs@aerogeltechnologies.com).