

# Guillaume Perrinaud

## Fluoropolymer Engineer at Arkema Inc

Audubon, PA - Email me on Indeed: [indeed.com/r/Guillaume-Perrinaud/3f1cafe1ed3109aa](https://www.indeed.com/r/Guillaume-Perrinaud/3f1cafe1ed3109aa)

Obtain a chemical engineering position supporting and improving key processes while expanding my skills and knowledge

### WORK EXPERIENCE

#### Fluoropolymer Engineer

Arkema Inc - August 2011 to Present

- Run physical tests designed to prove superiority of Kynar PVDF in various applications
- Operate and maintain polymer testing equipment including Instrons, spectrometers, accelerated Weather-Ometers, and colorimeters
- Prioritize and schedule laboratory tests
- Assist in design and implementation of outdoor testing program for thin-films
- Prepare written reports for internal projects

#### Fluoropolymer Engineer Co-op

- June 2010 to December 2010

- Ran tests designed to prove the commercial viability of Kynar PVDF in disposable systems used in the pharmaceutical industry
- Researched and developed foam processing conditions using a Chemical foaming agent for PVDF
- Planned and conducted analysis of Kynar PVDF fluoropolymer physical properties
- Observe and assist operation of polymer processing methods
- Patent translation from French to English

Penn State University - August 2009 to June 2010

- Develop table sized factory able to produce colloidal doublets
- Develop doublet and singlet nano-molecule separation method

#### Product Development Engineer Co-op

Kimberly Clark - January 2009 to July 2009

- Developed new product line designed to lower manufacturing costs while performing as well or better than existing products
- Organized the pilot plant and bench production of samples used to showcase to major customers such as Wal-mart and Target
- Studied possible process improvements to increase product pouch sealing capabilities
- Assisted in the marketing of the new products

#### Shannondell Club Swimming Pool Lifeguard

- May 2007 to August 2008

Patent Translation - October 2004 to March 2005

- Translated from French to English or English to French for my father's company

EDUCATION

**BS in Chemical Engineering**

The Pennsylvania State University

May 2011