

## About me:

- ✓ First Name: Ali
- ✓ Last Name: Shahrokhi nia
- ✓ Date of Birth: April 1985
- ✓ Phone: +989122076765(+982144661053)
- ✓ Email: [a.shahrokhinia@gmail.com](mailto:a.shahrokhinia@gmail.com)
- ✓ Lodger in Ekbatan (west of Tehran)



## Education:

- ✓ M.Sc: Polymer Engineering: 2011- 2013, Iranian Polymer and Petrochemical Institute (IPPI).
- ✓ Point : 16.42

**Main courses:** Polymerization of poly olefines with Ziegler – Natta catalyst, Control of process, Design of reaction condition, Physical and mechanical properties of polymers especially polyolefines, Synthesizing of 4<sup>th</sup> generation of Z-N catalyst, Modeling .....

- ✓ B.Sc: Chemistry Engineering: 2004-2008, Azad shahrerey University.

## Research:

- ✓ M.Sc

Effects of different electron donors on properties of polypropylene synthesized with Ziegler-Natta catalyst.

## Supervisors:

S.Hakim ([S.Hakim@ippi.ac.ir](mailto:S.Hakim@ippi.ac.ir))

M.Nekoomanesh ([M.Nekoomanesh@ippi.ac.ir](mailto:M.Nekoomanesh@ippi.ac.ir))

## Advisor:

Y.Jahani ([Y.Jahani@ippi.ac.ir](mailto:Y.Jahani@ippi.ac.ir))

- ✓ B.Sc

Diffusion of disperse dies on polyester fibers.

## Supervisor:

M.Farizad

## Paper in journal and patent:

1. Shahrokhinia A, Hakim S, Nekoomanesh M, " Effects of amount and kinds of external electron donors on the properties of polypropylene synthesized with Z-N catalyst "., submitted in science and technology of polymer journal.
2. Shahrokhinia A, Hakim S, Nekoomanesh M, " Effects of electron donors on polymerization of propylene with Z-N catalyst "., submitted in basparesh journal.
3. Shahrokhinia A, Hakim S, Nekoomanesh M, " Novel combination of external electron donors for polymerization of propylene "., patent from IPPI.
- 4.....

## Interest:

- ✓ Characterizing, development and synthesizing of polymer.
- ✓ Polymer processing for different usage.
- ✓ Structure-property relationships of polymers especially polyolefines.
- ✓ Modeling & Simulation
- ✓ .....

## English Ability

- ✓ Reading: Good
- ✓ Writing: Good
- ✓ Listening: Good
- ✓ Speaking: Good

## Computer Knowledge

- ✓ OS: Windows
- ✓ Programming: Matlab, Aspen plus, Origin 8.0.
- ✓ Others: Microsoft office, Photoshop.....

## Experience

1. Work with Buchi reactor, Synthesizing of catalyst,.....
2. Work with MFI, Tensile, DSC, DMTA instrument, Ubbelohde viscometer.....
3. Work in chemistry and polymer lab.....
4. Modeling & Simulation....

**Jobs Experience:**

1. Work in payatex dye company
2. Work in Almasbaft
3. Work in Sam dye company

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