

Training - Polymers - E-Learning



GCA4-EN-E



E-Learning



1 hour

This e-learning module provides a brief introduction to main properties of polymers with a special focus on the most relevant ones in the market: polyethylene and polypropylene. These modules are integrated into some of our Blended Learning courses but can also be followed independently. For any information please contact us at the following address: contact@ifptraining.com

Level

Skilled

Public

Professionals, in the oil or petrochemical industry, interested in olefins, aromatics, polymers production. Specifically for engineers and technical staff who are beginners in this industry, as well as subcontractors, traders, etc

Objectives

Attendees will be able to implement the following skills:

- Explain the principle of a polymerization reaction

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

No prerequisites are necessary to follow this course

Responsible

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

INTRODUCTION TO POLYMERS

Monomers: the building blocks. Monomers to Polymer transition.
Synthetic polymers types and main features.

POLYETHYLENE

Polyethylene development timeline. LDPE, LLDPE and HDPE main features and applications.
Brief introduction to Polyethylene processes.

POLYPROPYLENE

Polypropylene atactic, isotactic and syndiotactic forms. Polypropylene main features and applications.
Brief introduction to Polypropylene processes.

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.
Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com