UNS
UNIVERSIDAD NACIONAL DEL SUR

TRAINING

Polymer Processes

FUNDAMENTALS AND ENGINEERING ASPECTS OF POLYMER PROCESSES

KEY WORDS

POLYMERIZATION PROCESSES,

MOLECULAR WEIGHT DISTRIBUTION,

POST-REACTOR MODIFICATION

CONTACT US

ott@plapiqui.edu.ar

Universidad Nacional del Sur

MAIN CONTENTS

Ad-hoc courses for each interested party, tailored to its specific needs. Possible contents include: conventional and controlled free radical polymerization; Ziegler-Natta and metallocenic processes; stepwise polymerization; measurement and prediction of molecular weight distributions; copolymers; polymerizations in mass, suspension, emulsion, solution, gas-phase and other technologies; post-reactor modification: controlled rheology, functionalization, degradation, industrial examples of polymer processes.

COURSE DYNAMICS

The course is delivered through structured lectures that may be conducted either in person or virtually. Active participant engagement is encouraged through guided discussions, questions, and interactive exchanges to promote deeper understanding. A practical session will be conducted, allowing participants to apply the concepts covered during the course in a hands-on context and to strengthen their technical skills through direct experience.

LANGUAGE

Spanish

EVALUATION METHODOLOGY

Participants will be evaluated through a final examination and/or a comprehensive integrative final project.

Topic area

Plastics and polymers

Format

Face to face
Virtual

Level

Intermediate

Certificate of Participation and Approval

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