



Basic Training on Plastic Classification and Mechanical Recycling

FUNDAMENTAL CONCEPTS AND CRITERIA OF MECHANICAL RECYCLING

KEY WORDS

PLASTIC WASTE,
RECYCLING,
SUSTAINABILITY

MAIN CONTENTS

The course covers basic topics such as what plastics are and how they behave under different conditions, and why it is important not to mix them. It also includes topics related to plastic classification using accessible techniques, fundamental concepts and criteria of mechanical recycling, and safety procedures to be considered during the process. In addition, the environmental role of sorting activities within the circular economy of these materials will be analyzed.

COURSE DYNAMICS

The training adopts a participatory approach that incorporates the specific experience of the participants. Guiding questions will be used to facilitate understanding and engagement with the content through real work situations. Emphasis will be placed on visual resources, concrete examples, and hands-on activities with real materials, encouraging learning through observation, comparison, and collective reflection. Throughout the sessions, efforts will be made to connect technical knowledge with the participants' everyday experience, creating a space for joint knowledge building. The methodology combines short presentations, group dynamics, exercises for identifying and classifying plastics, and the development of simple sorting guidelines, all adapted to the operational context of the company/cooperative. This approach aims to strengthen key technical skills for improving separation and recovery processes, while promoting more efficient and environmentally responsible practices.

LANGUAGE

Spanish

EVALUATION METHODOLOGY

Interactive recreational tools will be used to reinforce the concepts learned.

CONTACT US

ott@plapiqui.edu.ar

Universidad Nacional del Sur

Topic area

Plastics and polymers,
environment



Format

In-company
5 hs/day – 2 days



Level

Introductory / basic



Certificate of
Participation and
Approval

