



Plastics Characterization

ANALYSIS AND CHARACTERIZATION OF MATERIALS FOR ARCHITECTURE AND CONSTRUCTION

KEY WORDS

MATERIAL
CHARACTERIZATION,
RECYCLED PLASTIC,
PHYSICOCHEMICAL
PROPERTIES

DESCRIPTION

The Laboratory for Research into Environmental Architectural Materials (LEMAA) has developed extensive experience in the evaluation and analysis of the mechanical, chemical, and thermal properties of plastic. Thanks to the implementation of projects aimed at developing products made from recycled plastic, such as cladding panels and acoustic resonators for workspaces, the LEMAA laboratory provides accurate characterization indicating the potential for use in the development of products for architecture and construction.

APPLICATIONS

- Development and validation of architectural products;
- Selection of materials;
- Technical support for innovation and circular economy projects;
- Evaluation of material performance

CONTACT US

lemaa@usach.cl

[Universidad de Santiago
de Chile](#)