



#2201

Comminution Modeling

MODELING OF CRUSHERS, MILLS AND GRINDERS

DESCRIPTION

PLAPIQUI has experience in the modeling of comminution devices, either isolated or integrated in processes involving other solid unit operations. We have developed and validated models for industrial, pilot plant and lab units.

We offer you our capabilities in:

- Theoretical modeling of comminution processes by using fundamental balances and population balance equation (PBE) in continuous or batch operation
- Estimation of breakage functions for PBEs from experimental or plant data
- Simulation, optimization and control studies of comminution processes
- Design of experiments for the production of materials with a desired particle size distribution in different crushers, mills and grinders

CONTACT

Office of Technology Transfer

✉ ott@plapiqui.edu.ar

🌐 plapiqui.edu.ar

☎ +54 291 4861700

📱 /Plapiqui 🐦 @Plapiqui