

## **Resumen ponencia nº 98**

### **Optimizing the dispersion and milling process In laboratory, pilot plant and production**

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#### **Abstract**

In many technical processes it is necessary to break solid material into fine particles and distribute them evenly within a liquid carrier. This process is generally known as "dispersion". The foundation of the whole dispersion process is based on high speed pre dispersion with a dissolver. Here the focus is on the main key factors for an effective pre dispersion process. On completion of the pre dispersion with the dissolver, the second step of dispersion, the fine grinding is the next stage.

The aim of this paper is to illustrate how to choose and to set the optimum dispersion parameters for pre dispersion and fine grinding.