

2018

# Description of the solid method of BaTiO<sub>3</sub> ceramics elaborations

**Guessoum Mounia, Boukazouha Faiza, Sedda Kamel**

**Abstract :** Abstract— There are two major methods of the barium titanate ceramic BaTiO<sub>3</sub> elaboration, the solid and the liquid methods (Hydrothermal, sol-gel processing, and Coprecipitation) [1, 2, 3]. In this work, we present a theoretical study to describe the solid method of BaTiO<sub>3</sub> elaboration, it is the most method used in the industry, because it is very economical, inexpensive and easier to implement.

**Keywords :** component formatting; style; styling; insert