

## Analysis of aluminium alloys AlSi7Mg0.3 and AlMg3 by means of X-Ray Diffraction

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**Material crystal compositions and their phase structures have become the necessary and important part of the materials research and advanced technology in recent decades. Each property and information about material phase structure is more or less immediate way depending on the structure and crystal composition. Prerequisite of any technological breakthroughs in this area is therefore detailed information on the structural parameters of materials.**

**Keywords:** X-ray diffraction, thermal expansion, material properties

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