

Journal

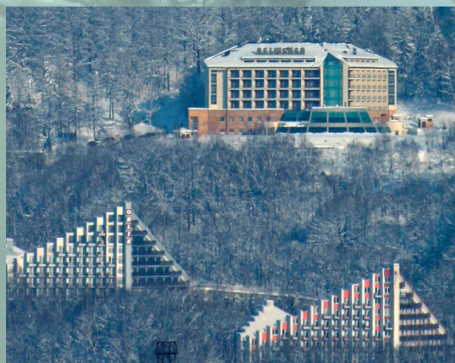
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and Manufacturing Engineering



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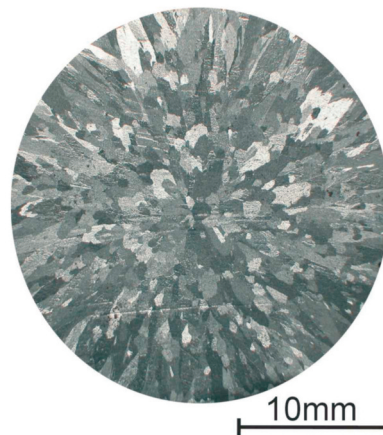


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The research paper made by S. T. Wróbel and J. Szajnar on "The influence of inoculants sort on pure Al structure" on a **page 92** analyses the problem concerning inoculation of pure aluminum primary structure, which is realized by introducing bath of specified substances, called inoculants into metal. In the paper the influence of different inoculants introduced to metal bath in form of master alloy sort AlTi5, AlB3, AlTi5B1, AlTi5B3 and AlTi3Co.15 on refinement of primary structure of pure aluminum is presented. The degree of structure refinement was represented by equiaxed crystals zone content on transverse section of ingot and average area of macro-grain in this zone. The results of studies and their analysis show that the most effective refinement of pure aluminum primary structure is obtained with the use of master alloy sort AlTi5B1. The work presents refinement of a structure method which is particularly important in continuous and semi – continuous casting where products are used for plastic forming.