

**CRYSTALLISATION FROM A BINARY MELT:
A MEASUREMENT OF SOLID FRACTION IN THE MUSH LAYER**

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ABSTRACT

When a binary melt is cooled rapidly from one boundary, crystals form in a mush layer near the boundary. Some measurements show that this layer may be treated as a continuum, and Worster (1986) has developed relevant theory. An experiment will be described in which this theory was tested by measuring the solid fraction as a function of distance from the cooled boundary.

NOTE: This paper was unavailable at press time. This abstract was prepared by the Organizing Committee. Unbounded copies of the paper may be obtained from the author(s).