

*CHARACTERISATION OF Al-Ti-B GRAIN  
REFINERS PREPARED BY ALUMINOTHERMIC  
REDUCTION OF TiO<sub>2</sub> AND B<sub>2</sub>O<sub>3</sub>*

Ilunga Alain Mwamba

A dissertation submitted to the Faculty of Engineering and the Built Environment,  
University of the Witwatersrand, in fulfillment of the requirement for the degree of  
Masters of Science in Engineering.

Johannesburg, 2005