

论文摘要

中国有色金属学报

ZHONGGUO YOUSEJINSHUXUEBAO XUEBAO

第6卷 第2期 (总第19期) 1996年6月

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文章编号: (1996)02-38-2

WS₂颗粒的分形特征^①

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摘要: 用Q900自动图象分析系统测定了用(NH₄)₂WS₄热分解制备的WS₂颗粒的分形结构, 得到WS₂周边分维数Df在1.015-1.032范围, 表面分维数Ds在2.015-2.032范围, 其分维数随着粒度减小而增大。给出了Df、Ds与颗粒等效直径d的关系, Df、Ds可以作为WS₂颗粒形状和大小表征值。

关键字: WS₂ 粒度 形态 分维数 图象分析

FURTHER PROCESSING OF Sb-Pb ALLOY WITH HIGH LEAD CONTENT AND COMPREHENSIVE UTILIZATION OF Sb AND Pb IN THE ALLOY

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Abstract: Using Sb-Pb alloy containing 3%—10% Pb produced by some smelters in Guangxi as raw materials. further processing on antimony products has been studied as to develop a series of products. Cubic system, micro-particle, non-dusting and high percentage(99.999%) antimony trioxide, high percentage(99.999%) antimony and several lead base engineering alloys have been developed by means of technological method; moreover Sb and Pb alloy have been utilized fully and effectively.

Key words: Sb-Pb alloy with high lead content further processing comprehensive utilization

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