

含能材料

HANNENG CAILIAO

第1卷 第2期 1993年6月

目 次

- 高聚物粘结炸药包覆过程及粘结机理的初步探讨 徐庆兰 (1)
高纯度TATB的制备与表征方法研究 李波涛 莱叶明 达君 张永吉 (6)
一种新的彩色烟幕剂系列 刘火保 (12)
环三次甲基三亚硝胺-N,N'-二甲基-N,N'-二苯基脲和2,4,6-三硝基甲苯-苦味酸
的二元相图 孙莉霞 胡荣祖 (14)
THE CRITICAL DIAMETER OF DETONATION OF PETN SINGLE
CRYSTAL EXPLOSIVE Virchenko V A, Egorov A P, Fadeev A I (17)
射流引爆炸药的机制及临界判据 姜春兰 张宝铎 (23)
火药用单质炸药的分子结构与火药燃速压强指数的相关性 宋洪昌 (28)
成型炸药局部密度均匀性的 γ -射线旋转测量装置 田勇 李高强 (35)
炸药物理研究中的光学测试技术 黄涛 (38)
多面体含能材料的爆速和爆压预估 冯增国 (42)

ENERGETIC MATERIALS

Vol. 1, No. 2, 1993

CONTENTS

- Adehsion and its mechanism of polymer bonded explosive Xu Qinglan (1)
Preparation and characterization method of high-pure TATB
..... Li Botao Liang Yeming Da Jun Zhang Yongji (6)
A new series of color somke composition Liu Huobao (12)
The binary phase diagrams for the systems cyclotrimethylene
trinitrosamine-N,N'-dimethyl-N,N'-diphenyl urea and
2,4,6-trinitrotoluene-picric acid Sun Lixia Hu Rongzu (14)
The critical diameter of detonation of PETN single crystal explosive...:
..... Virchenko V A, Egorov A P, Fadeev A I (17)
Mechanism and critical criterion of jet initiation explosive
..... Jiang Chunlan Zhang Baoping (23)
Correlation between the molecular structure of an explosive component
and the rate-pressure index of a powder formulation ***Song Hongchang (28)
 γ -Ray revolving gauge for measurement of local density homogeneity
of explosive charges Tian Yong Li Gaoqiang (35)
Optical measuring techniques in research of explosive physical properites
..... Huang Tao (38)
Predicting detonation velocity and pressure of polyhedron energetic
materials Feng Zengguo (42)