

# 含能材料

HANNENG CAILIAO

第8卷 第4期 2000年12月

(卷终)

## 目 次

|                               |                         |       |
|-------------------------------|-------------------------|-------|
| 硝酸铵防吸湿性和防结块性研究                | 刘金河,高仁孝,陈智群,王克勇,胡荣祖,孙在春 | (145) |
| 六硝基六氮杂异伍兹烷气相热解引发反应的理论研究       | 张骥,肖鹤鸣,贡雪东,李金山          | (149) |
| F <sub>2314</sub> 粘结 HMX 的研究  | 孙杰,董海山,郑培森,张凌           | (155) |
| 复合燃速催化剂对丁羟推进剂燃速压强指数的影响        | 唐汉祥,侯彩兰                 | (158) |
| 高聚物粘结炸药的力学行为及变形破坏机理           | 陈鹏万,丁雁生                 | (161) |
| 2,4,7,9-四氮杂双环[4.3.0]壬酮合成工艺的改进 | 沈薇,陆明                   | (165) |
| 贮存 35 年的三硝基乙基-N-硝基甲胺的性质研究     | 白景瑞,金韶华,松全才             | (168) |
| 温湿度作用下炸药与相关物的相容性研究            | 左玉芬,罗雪梅,周建华             | (171) |
| ADN 的热分解性能研究                  | 徐容,聂福德,刘春,姜凯            | (175) |
| 高聚物粘结炸药与金属的接触腐蚀研究             | 徐涛,黄黎明,房永曦              | (178) |
| 高聚物粘结炸药的静电控制                  | 李德晃,徐娟珍                 | (181) |
| 两种高聚物粘结炸药的声学特性研究              | 张伟斌,田勇,罗顺火              | (184) |
| 2000 年(第 8 卷)总目次              |                         | (188) |

期刊基本参数: CN51-1489/TK ※ 1993 ※ q ※ 16 ※ 48 ※ zh + en ※ P ※ ¥4.00 ※ 1000 ※ 12 ※ 2000-12

# **ENERGETIC MATERIALS**

**Vol. 8, No. 4, 2000**

## **CONTENTS**

|  |  |
|--|--|
| Study on the Antihygroscopicity and Anticaking Capacity of Ammonium Nitrate .....                                      | ..... LIU Jin-he, GAO Ren-xiao, CHEN Zhi-qun, WANG Ke-yong, HU Rong-zu, SUN Zai-chun (145) |
| Theoretical Study on Pyrolysis Initiation Reactions of Hexanitrohexaazaisowurtzitane in Gas Phase .....                | ..... ZHANG Ji, XIAO He-ming, GONG Xue-dong, LI Jin-shan (149)                             |
| Study on Fluoropolymer F <sub>2314</sub> Bonded HMX .....  | SUN Jie, DONG Hai-shan, ZHENG Pei-sen, ZHANG Ling (155)                                    |
| Effect of Burning Rate Bicatalysts on Pressure Exponent of HTPB Composite Solid Propellants .....                      | ..... TANG Han-xiang, HOU Cai-lan (158)  |
| Mechanical Behaviour and Deformation and Failure Mechanisms of Polymer Bonded Explosives .....                         | ..... CHEN Peng-wan, DING Yan-sheng (161)  |
| Improvement of Synthesis Technology of 2,4,7,9-tetrazabicyclo[4.3.0]nonanone .....                                     | ..... SHEN Wei, LU Ming (165)  |
| A Study of Trinitroethyl-N-nitromethylamine after 35 year's Storage .....  | ..... BAI Jing-rui, JIN Shao-hua, SONG Quan-cai (168)                                      |
| Compatibility of Explosives with Relative Materials under the Conditions of Temperature and Moisture Circulation ..... | ZUO Yu-fen, LUO Xue-mei, ZHOU Jian-hua (171)   |
| Research of Ammonium Dinitramide Decomposition .....   | XU Rong, NIE Fu-de, LIU Chun, JANG Kai (175)   |
| Study on the Corrosion of the Metals Contacting with Polymer Bonded Explosives .....                                   | ..... XU Tao, HUANG Li-ming, FANG Yong-xi (178)  |
| Static Electricity Control of Polymer Bonded Explosive .....   | ..... LI De-huang, XU Juan-zhen (181)  |
| Research on Acoustic Characteristics of Two Kinds of Polymer Bonded Explosives .....                                   | ..... ZHANG Wei-bin, TIAN Yong, LUO Shun-huo (184)   |
| Annual contents (Vol. 8, 2000) .....   | (188)  |