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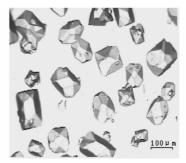
## Synthesis of Unsymmetrical Nitrofurazanyl Picryl Ether

QIU Shao-jun, GE Zhong-xue, JIANG Jun, WANG Xi-jie, LIAN Peng, GAN Xiao-xian

Chinese Journal of Energetic Materials ,2009 ,17(1): 124

An unsymmetrical nitrofurazanyl polynitrobenzene ether was synthesized via Williamson reaction and the structure was confirmed by NMR, FTIR and elemental analysis. Some properties of the compound, such as density, heat of formation, oxygen balance, detonation velocities and detonation pressures were calculated.

## Preparation and Properties of Reduced-Sensitivity CL-20



LI Hong-zhen, XU Rong, HUANG Ming,
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Chinese Journal of Energetic Materials, 2009, 17(1): 125

Reduced-sensitivity CL-20 were prepared by special crystallization technique. Impact sensitivity and crystal properties including particle sizes and distribution, particle shape and internal porosity were compared between normal CL-20 and reduced-sensitivity CL-20. The results show that reduced-sensitivity CL-20 has better crystal quality and lower impact sensitivity.

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目前,系统还处于试运行阶段,如您在投稿或审稿过程中遇到任何问题请及时与编辑部联系(E-mail: hncl01@ caep. ac. cn; Tel: 0816 - 2485362),以便系统更好地为您提供服务。本刊同时欢迎广大作者、读者注册后通过系统的互动管理或电子邮件、电话对本系统提出意见与建议。