


[DOWNLOAD](#)


Flame and Explosion suppression using Pyrobubbles

By Emmanuel Kwasi Addai

LAP Lambert Academic Publishing Sep 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x4 mm. This item is printed on demand - Print on Demand Neuware - An alternative fire extinguishing agent 'pyrobubbles' was investigated to suppress the spread of gaseous flame after explosion. Pyrobubbles are foam-like granules made from silicon dioxide or inorganic raw materials with a diameter of 1.5 to 5.0 mm and have the following superior properties, not inflammable, outstanding asphyxiation, and melting point above 1200 °C, floatable, very high flowability and quick filling ability, heat and cold insulation. Using pyrobubbles as fire extinguishing agent was tested for its ability to suppress the spread of gaseous flames after explosion. In order to demonstrate this experimentally, a flame quenching effect of pyrobubbles was tested in the laboratory under defined conditions with different explosible gas mixtures such as methane and hydrogen gas in two different laboratory equipments. In this book, the various mechanisms of explosion and detonations were discussed. The various methods to suppressed gaseous flames as well as flame arrestors were also discussed. The results indicate that pyrobubbles are more effective with respect to suppression of gaseous flame. 68 pp. Englisch.



[READ ONLINE](#)
[6.42 MB]

Reviews

A top quality pdf and also the font applied was fascinating to read. It can be full of knowledge and wisdom I am effortlessly could possibly get a delight of studying a created ebook.

-- **Oceane Stanton DVM**

Unquestionably, this is actually the finest operate by any publisher. I have study and i also am confident that i am going to planning to go through once more yet again in the foreseeable future. I realized this pdf from my i and dad recommended this book to understand.

-- **Gus Kilback**

Other Kindle Books



Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior

Quercus Publishing Plc, 2011. Hardcover. Book Condition: New. No.1 BESTSELLERS - great prices, friendly customer service â" all orders are dispatched next working day.



Read Write Inc. Phonics: Get Writing! Red Ditty Books 1-5

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 210 x 157 mm. Language: N/A. Brand New Book. The Get Writing! Ditty Books contain handwriting, spelling and composition activities linked to each of the corresponding Red Ditty reading...



The Parents' Guide To Kids' Movies

Orion, 2006. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your order. Orders are dispatched Monday â" Friday. FREE Returns...



Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 52 pages. Dimensions: 9.0in. x 6.0in. x 0.1in. Still finding it getting your way around your Kindle Fire Wish you had the answers to all your frequently asked...



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...



Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 211 x 101 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read Write Inc. Set 1 and 2 sounds....