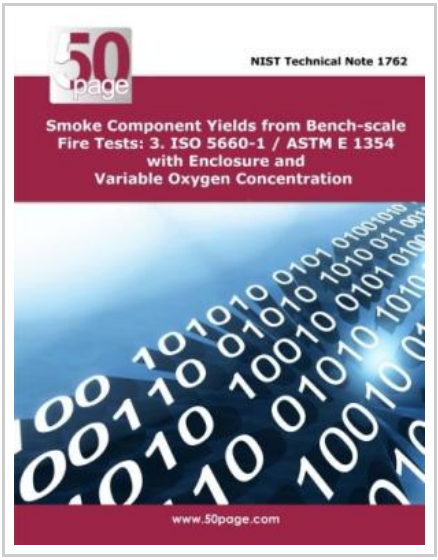


DOWNLOAD

Smoke Component Yields from Bench-Scale Fire Tests: 3. ISO 5660-1 ASTM E 1354 with Enclosure and Variable Oxygen Concentration

By NIST

Createspace. Paperback. Book Condition: New. This item is printed on demand. Paperback. 54 pages. Dimensions: 11.0in. x 8.5in. x 0.1in.A standard procedure is needed for obtaining smoke toxic potency data for use in fire hazard and risk analyses. Room fire testing of finished products is impractical, directing attention to the use of apparatus that can obtain the needed data quickly and at affordable cost. This report presents examination of the fourth of a series bench-scale fire tests to produce data on the yields of toxic products in both pre-flashover and post-flashover flaming fires. The apparatus is the ISO 5660-1 ASTM E 1354 cone calorimeter, modified to have an enclosure and a gas delivery system allowing variable oxygen concentration. The test specimens was cut from finished products that were also burned in room-scale tests: a sofa made of upholstered cushions on a steel frame, particleboard bookcases with a laminated finish, and household electric cable. Initially, the standard test procedure was followed. Subsequent variation in the procedure included reducing the supplied oxygen volume fraction to 0. 18, 0. 16, and 0. 14, reducing the incident heat flux to 25 kWm2, and reducing the gas flow rate by half. The yields of CO2...

READ ONLINE
[3.02 MB]

Reviews

An extremely awesome pdf with perfect and lucid reasons. I have got go through and so i am certain that i will going to read again once again in the foreseeable future. I found out this ebook from my dad and i recommended this publication to understand.

-- ***Angela Kassulke***

Most of these ebook is the ideal publication available. It really is rally fascinating throgh looking at period. I am just easily could possibly get a enjoyment of reading through a created pdf.

-- ***Dr. Lilly Nolan***

Other Books



Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM

Random House Books for Young Readers. Paperback. Book Condition: New. David Merrell (illustrator). Paperback. 112 pages. Dimensions: 7.4in. x 5.1in. x 0.4in.Ilene Coopers fourth story of a boy and his beagle takes Bobby and Lucy into the wild playing fields of grade-school...



The Mystery at Motown Carole Marsh Mysteries

Carole Marsh Mysteries. Paperback. Book Condition: New. Randolyn Friedlander (illustrator). Paperback. 32 pages. Dimensions: 11.1in. x 8.7in. x 0.0in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an easy, effective, and...



Animalogy: Animal Analogies

Sylvan Dell Publishing. Paperback. Book Condition: New. Cathy Morrison (illustrator). Paperback. 32 pages. Dimensions: 9.8in. x 8.4in. x 0.4in.Compare and contrast different animals through predictable, rhyming analogies. Find the similarities between even the most incompatible animals . . . bat is to...



Eagle Song Puffin Chapters

Puffin. Paperback. Book Condition: New. Dan Andreasen (illustrator). Paperback. 80 pages. Dimensions: 7.6in. x 4.9in. x 0.3in.A contemporary middle grade story about confronting bullying and prejudice Danny Bigtrees family has moved to Brooklyn, New York, and he just cant seem to fit...



The Stories Julian Tells A Stepping Stone BookTM

Random House Books for Young Readers. Paperback. Book Condition: New. Ann Strugnell (illustrator). Paperback. 80 pages. Dimensions: 7.6in. x 5.0in. x 0.4in.Julian is a quick fibber and a wishful thinker. And he is great at telling stories. He can make peopleespecially his...



Viking Ships At Sunrise Magic Tree House, No. 15

Random House Books for Young Readers. Paperback. Book Condition: New. Sal Murdocca (illustrator). Paperback. 96 pages. Dimensions: 7.4in. x 4.9in. x 0.2in.Jack and Annie are ready for their next fantasy adventure in the bestselling middle-grade seriesthe Magic Tree House! Beware of Vikings!warns...