



## Effects of regulation and technology on end uses of nonfuel mineral commodities in the United States

By -

Books LLC, Reference Series. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Original publisher: Reston, Va. : U. S. Dept. of the Interior, U. S. Geological Survey, 2007. OCLC Number: (OCoLC)122372605 Subject: Nonfuel minerals industry -- United States. Excerpt: . . . Shifts in End Uses of Mineral Commodities Owing to Changing Technologies were used in such items as compact disks and digital videodisk Gallium players, and GaAs-based ICs are used in sophisticated military radars ( Kramer, 2004 ). New technologies allow for new uses for gallium owing Gallium consumption rose 168 percent from 1975 to to its properties of conductivity, transparency, and resistance 2003. Most noticeable was the growth in the overall amount to high temperatures. Gallium also easily alloys with most of gallium used in the production of IC which grew from metals. Analog integrated circuits ( IC ) are the most common 3. 15 t in 1988 to 8. 14 t in 2003, reaching a peak 2000 of 26 t application for gallium, with optoelectronic devices ( mostly or nearly 66 percent of total gallium use. Consumption of laser diodes, light-emitting diodes LEDs , photodetectors, gallium in optoelectronic devices reached a peak...



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