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SCIENCE PHOTO BRIEFS
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CLEAR-AS-GLASS CERAMIC CREATED IN U.S.

4-4 Magnified 100 times, a sample of conventional ceramic (left) reveals the pores, or bubbles, (black spots) that make the material opaque and reduce its ability to transmit light and heat. In the highly dense Lucalox (right), there are no pores, a significant improvement that enables the new ceramic to transmit at least 90 percent of the light in the visible spectrum. The ability to transmit light makes Lucalox a material of great value in many scientific and industrial operations. (59-17329) (See also accompanying text)



SCIENCE - ASTRONAUTICS - RESEARCH