



FOR IMMEDIATE RELEASE  
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## Machining and Production Costs Reduced with Macor<sup>®</sup> Machinable Glass Ceramic

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MACOR<sup>®</sup> machinable glass ceramic from Goodfellow offers researchers, product designers and machinists cost-saving advantages over working with traditional ceramic materials. First, MACOR<sup>®</sup> is machinable with ordinary metalworking tools rather than expensive diamond grinding equipment. Second, machined components do not require post-firing after machining is completed, entirely eliminating a production process and reducing the time between design and realization.

The high-precision and complex shapes achieved with MACOR<sup>®</sup> possess exceptional characteristics:

- Maximum use temperature of 1000°C
- Strong and rigid
- Radiation resistant
- Low thermal conductivity
- Can be highly polished



Because of these outstanding properties, MACOR<sup>®</sup> is used in a wide range of applications:

- Electronics/semiconductor industry – precision coil formers
- Laser industry – spacers, reflectors and cavities
- High vacuum industry – thermal breaks, coil supports and vacuum feedthroughs
- Aerospace/space industry – Retaining rings, supports and components
- Nuclear industry – fixtures and reference blocks in power generation

MACOR<sup>®</sup> machinable glass ceramic is available from Goodfellow as rods, bars, sheets and finished components. For more information, contact Goodfellow on +1 800 821 2870 (USA) or +1 724 695 7060 email: [info@goodfellowusa.com](mailto:info@goodfellowusa.com) or go to "New Products" in the News section of [www.goodfellowusa.com](http://www.goodfellowusa.com).

### About Goodfellow

For more than 40 years, the Goodfellow name has been synonymous with small quantities of high-quality metals, polymers, ceramics and other materials that meet the research, development, and specialized production requirements of science and industry worldwide. Goodfellow Cambridge Ltd. is part of the Goodfellow Group of Companies, which also includes The Technical Glass Company (UK), Goodfellow Corporation, Goodfellow SARL, Goodfellow GmbH, and the Shanghai Representative Office of Goodfellow Cambridge Ltd.