Goodfellow

Materials for Scientific and Industrial Research and Manufacturing

Porous ceramics and glass – pores from 0.25 microns to millimeters

Photo caption: Porous ceramics from Goodfellow

Huntingdon, UK ... **22 November 2013** ... Through their Ceramic and Glass Division, Goodfellow offers a range of porous glass and ceramic materials as semi-finished forms and custom-made components for use in a wide variety of research and industrial applications. The items are available with pores as small as 0.25 microns and in a range of materials including oxides such as alumina and zirconia ; non-oxides such as carbides and nitrides ; and other specialist materials such as vitreous (glassy) carbon, mullite, porcelain, aluminosilicate borosilicate glass and quartz. Forms may be custom made or off the shelf and include honeycomb, foam, sheet, tube, disc, sphere and flakes.

Due to an exceptional combination of characteristics – low density, high surface area, low thermal conductivity, good thermal shock resistance, good strength, etc.) – applications are many and varied. They include:

- Filtration
- Insulation
- Sensors
- Refractory applications
- Catalyst carriers and supports
- Lightweight substitute in structural applications

For more information, contact a Goodfellow materials specialist at 0800 151 3115 (freephone UK), +44 1480 424888 or **ceramic@goodfellow.com**.

Goodfellow is a leading supplier of metals, polymers, ceramics and other materials to meet the needs of science and industry worldwide. The company specialises in supplying small quantities (a few grammes to a few kilos) of metals and materials for research, prototype development and specialised manufacturing applications. Standard products can be found online at the comprehensive Goodfellow Catalogue (**www.goodfellow.com**).

The Goodfellow Ceramic and Glass Division (**www.goodfellow-ceramics.com**) supplies a comprehensive range of ceramics and glasses to the research and industrial markets either as finished components to customer drawings or in an extensive range of semi-finished forms including sheets, rods and tubes for customers to machine their own components.

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