

Sustainability through reuse:

TPX® functional polymer remains strong and transparent after repeated steam sterilisation



TPX® functional polymer

Huntingdon, UK ... 7 January 2014 ... TPX® polymethylpentene is a lightweight, transparent, semi-crystalline material with outstanding resistance to both steam sterilisation and a wide range of chemicals. Unlike some polymeric materials that discolour or embrittle after just a few cycles in an autoclave, TPX® remains transparent and strong. Items made with this exceptional polymer can be reused many times, promoting reuse rather than recycling and contributing to greater sustainability.

Characteristics of TPX® include:

- Low density
- Resistance to steam and chemicals
- Does not absorb water
- Visible light transmission ~92-94%
- Low refractive index
- Non-stick properties

The numerous benefits of TPX® make it ideal for use in food containers, sterilisation cases, laboratory equipment, LED moulds, etc. TPX® also has excellent UV transmission characteristics, making it useful in UV sterilisation equipment.

TPX® is available in film, sheet, rod and granule form from Goodfellow, a leading supplier of polymers, metals, ceramics and composites for research and industry. For more information, contact the company on 0800 731 4653 (UK) or +44 1480 424 800, info@goodfellow.com, or click [here](#).

TPX® is manufactured solely by Mitsui Chemicals, Inc.

About Goodfellow

For more than 45 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 specialised production requirements of science and industry worldwide. Goodfellow Cambridge Ltd. is part of the Goodfellow Group of Companies, which also includes Goodfellow Corporation, Goodfellow SARL, Goodfellow GmbH and Goodfellow Shanghai.

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