

## Specialist Polymer Films Available From Goodfellow

**Huntingdon ... 18 August 2015 ...** Goodfellow, a leading supplier of polymers, metals and other materials for research and industry, offers a wide selection of polymer films, including specialist products suitable for demanding applications. Among these special polymer films are:

### **Polyphenylenesulphide (PPS) in thicknesses from 0.1mm to 0.4mm**

Characteristics: Outstanding resistance to heat and sunlight, extreme inertness toward organic solvents and inorganic salts and bases, flame retardant, good strength with use of reinforcement, good wear resistance, good dimensional stability, electrically and thermally insulating

Industries where PPS is typically used: Automotive, electrical/electronic, medical/healthcare, textile, engineering parts, household appliance



*Specialist polymer films from Goodfellow*

### **Polyetherimide (PEI)\* in thicknesses from 0.025mm to 0.50mm**

Characteristics: High tensile strength without the use of reinforcement, excellent electrical properties that remain stable over a wide range of temperatures and frequencies, excellent heat resistance, good chemical resistance, good creep resistance and dimensional stability, good resistance to UV and gamma radiation

Industries where PEI is typically used: Automotive, electrical/electronic, medical/healthcare, aerospace, pharmaceuticals, household goods (food contact acceptable)

\*Brand name Ultem (SABIC)

### **Polyetherketone (PEK) in thicknesses from 0.040mm to 0.100mm**

Characteristics: Excellent heat and chemical resistance, good resistance to burning, high strength and toughness, good dimensional stability

Industries where PEK is typically used: Medical/healthcare, automotive, aerospace, textile, engineering parts

In addition to film, Goodfellow can supply many polymers as rods, sheets, tubes, granules, fabric, fibre, monofilament, honeycomb and fasteners (nuts, bolts, washers).

**For more information** about polymers from Goodfellow or assistance in selecting the right polymer for your application, call 0800 731 4653 (UK) or +44 (0) 1480 424 800, email [info@goodfellow.com](mailto:info@goodfellow.com) or visit the online Goodfellow Catalogue at [goodfellow.com](http://goodfellow.com).

### **About Goodfellow**

*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](http://www.goodfellow.com)).*

→ [www.goodfellow.com](http://www.goodfellow.com)

→ [info@goodfellow.com](mailto:info@goodfellow.com)

