

# GENERIC MATERIAL

## *POLYETHERIMIDE* *(PEI)*

### COMMERCIAL SUPPLIER

Sabic

### COMMERCIAL NAME

Ultem

### TYPICAL APPLICATIONS

Commercial Aircraft Interiors, Healthcare Products, Cooking Utensils, Fiber optics, Electrical and Electronic Applications.

### ADVANTAGES

- > High heat resistance
- > Exceptional strength and impact modulus
- > High dielectric strength
- > Broad chemical resistance
- > Biocompatible
- > Excellent machinability and finishing characteristic
- > Outstanding processability on conventional molding equipment
- > Flame resistance with low smoke evolution

### DISADVANTAGES

- > Translucent and opaque-clear is not available
- > High cost
- > Notch sensitive
- > High processing temps required