



Validated Materials for the Fortus 450mc

Validated FDM® thermoplastics means you'll have access to a wider range of specialty materials on the Fortus 450mc™. From engineering-grade to high-performance to specialty filaments, the Fortus 450mc material portfolio enables a broad range of manufacturing applications across many industries. The table below highlights the available Validated Materials.

Validated Material	Highlights
HIPS	High-impact polystyrene
Kimya PC-FR	Flame resistant polycarbonate that meets passenger rail regulation standards
VICTREX AM™ 200*	High performance PEEK material paired with soluble and breakaway support materials
ULTEM™ 9085 resin Red	High-performance PEI (polyetherimide) polymer in a new red color
ULTEM™ 9085 resin Jana White	High-performance PEI polymer in a customer-defined color
ULTEM™ 9085 resin Dream Gray	High-performance PEI polymer in a customer-defined color
ULTEM™ 9085 resin White 7362	High-performance PEI polymer in a customer-defined color
ULTEM™ 9085 resin Gunship Gray	High-performance PEI polymer in a customer-defined color
ULTEM™ 9085 resin Aircraft Gray	High-performance PEI polymer in a customer-defined color
PC-ESD*	Polycarbonate based ESD-safe material
PC Red	Polycarbonate polymer in a red color
PC Black	Polycarbonate polymer in a black color
PC-ABS Red	Polycarbonate/ABS blend in a red color

*New material