PROTOLABS
Manufacturing. Accelerated.

Industrial FDM

Stratasys Ultem 9085

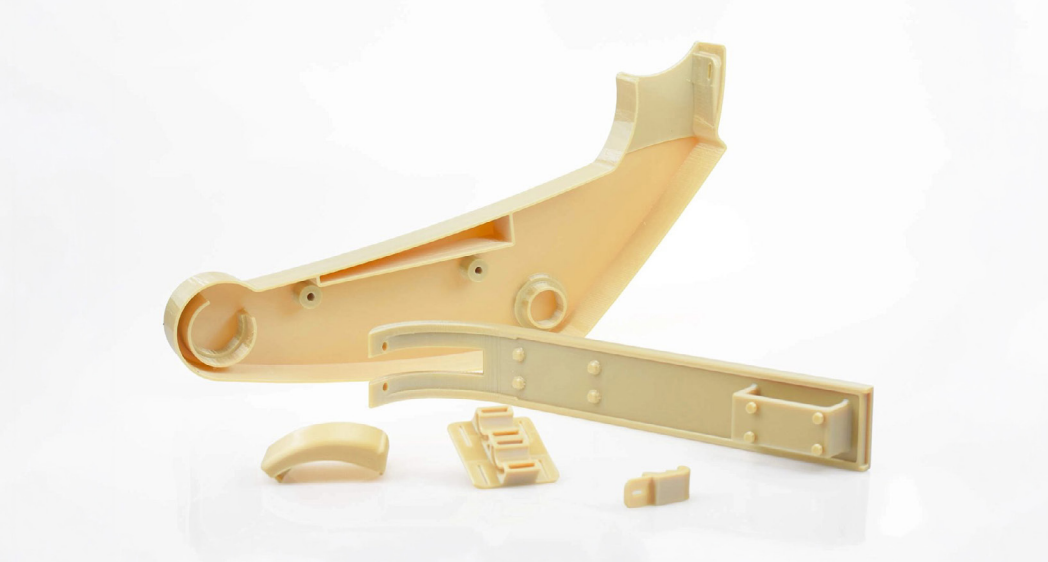
PEI-based aerospace/transportation material with FST performance and high strength-to-weight.

Key Attributes

High heat resistance, good strength, FST compliance (e.g., FAR 25.853) and UL 94 V-0; suitable for end-use components.

Properties

Property	Value (Imperial)	Value (Metric)
Maximum Part Size	35.984" x 21.016" x 35.984"	914 x 610 x 914 mm
Minimum Feature Size	1.2 mm	.047"
Tensile Strength	60–80 MPa	8.7-11.6 ksi
e_modulus	2.2–2.6 GPa	319.1-377.1 ksi
Heat Deflection	150–160 °C	302-320 °F
Elongation	4–8%	4–8%



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