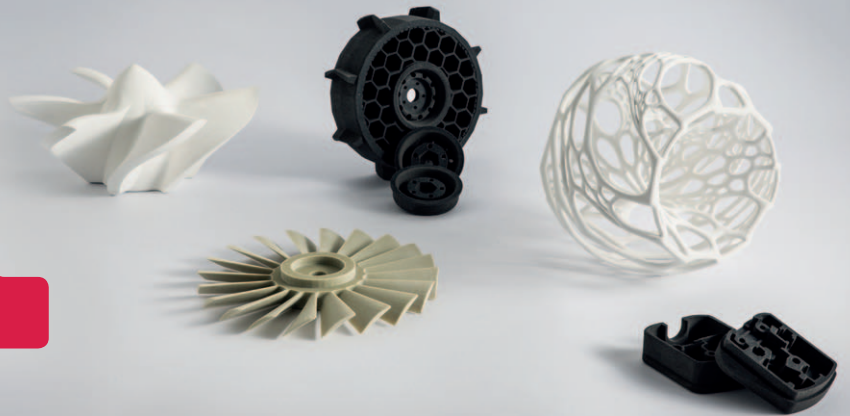


Tigital® Series 371 Premium Performance

Selective Laser Sintering (SLS)



Flame retardant thermoset material with superior electrical insulating properties.

Why choose Thermoset FR?

- Flame retardant properties (UL94 V0, min 1.2 mm)
- Superior electrical insulation properties
- Excellent dimensional stability at high temperature
- Isotropic mechanical properties
- High creep and abrasion resistance
- High chemical and corrosion resistance
- Parts can be joined and smoothed
- Parts can be dyed

Applications

- Prototyping and small series production
- Automotive
- Aerospace
- Railway
- Electrical applications
- Industrial applications



Powered by



Tigital® Series 371 Premium Performance

Selective Laser Sintering (SLS)



General information

Lead time	10 days (depending on number of parts, size and finish)
Maximum part dimensions	250 x 250 x 320mm
Surface structure	Unfinished parts typically have a smooth surface. Parts can be sandblasted, glued and painted.
Tolerances	±0.3% (with lower limit on ±0.3mm)

Properties		Value (XY Axis)	Test method
General properties	Part density	1.2	ISO 1183
	Colour	Pale yellow	Visual
	Heat deflection temperature (1.8Mpa)	110° C	ISO 75A
Mechanical	Tensile strength (ultimate)	40 MPa	ISO 527
	Tensile modulus	2500 MPa	ISO 527
	Elongation at break	2%	ISO 527
Other	Flammability classification	V0 (1.2 mm)	UL 94

Specifications are subject to change without notice

The technical data indicated above is an average value of the test result of a part created under proper management and appropriate conditions. The value is for reference and is not guaranteed.

Get a quote for your parts at rapidfab.ricoh-europe.com
Have a question? Call our friendly team on
+44 (0) 800 304 7196