

ULTEM™ RESIN IN HIGH PERFORMANCE COOLING FANS

With the rapid development of telecom market, cloud datacenters are expanding and involving higher data density, faster deployment and greater efficiency. These facilities are facing new challenges of handling large data at high transfer speed and generating enormous amounts of heat.

The evolution of cooling fans with speed over 20,000rpm are looking for high-performance heat dissipation solutions. Especially when the facilities operate under harsh environment temperatures from -40°C to 120°C , it is critical to solve excess heat effectively and to prevent risks from blade distortion, noise, or even datacenter malfunctioning.

When high performance matters to you, consider to choose ULTEM resin! The polyetherimide (PEI) resin is well suited to design cooling fans with improved precision and tolerances to create a more efficient airflow and heat dissipation.

ULTEM RESIN POTENTIAL KEY BENEFITS:

- Dimensional stability over broad temperature range to reduce blade deformation from strong centrifugal force to avoid cracking, risk of scratching and noise.
- Good durability, creep resistance and high temperature resistance to design for higher blade rotation speed, helping to improve heat dissipation and power consumption.
- Design flexibility for thin-wall and lightweight fan designs that help to reduce noise.



make it COOL | make it ULTEM resin

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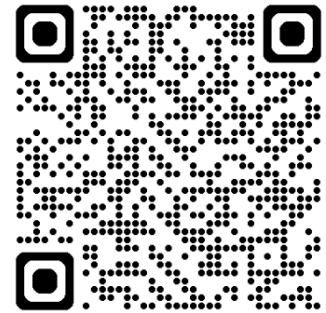
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