

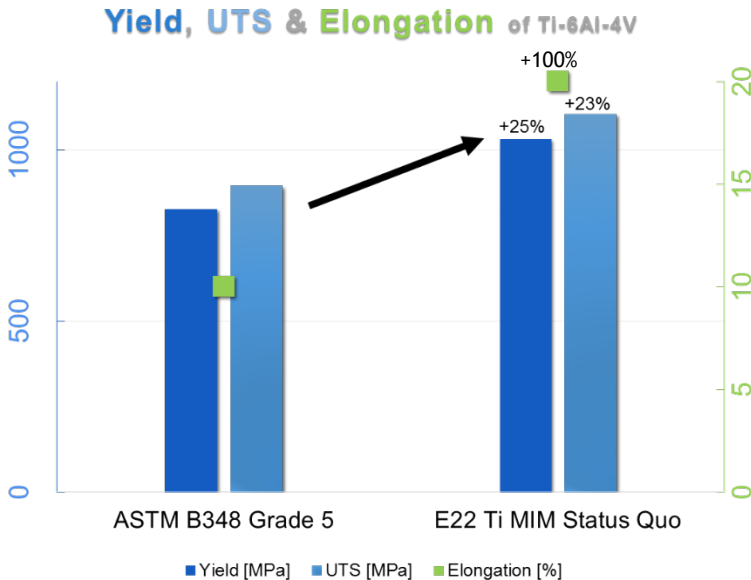
Titanium Generation (TiGen) GmbH is a new company focusing on heat treatment and thermal debinding & sintering for Titanium Powder Metallurgy (PM) processes like 3D Printing, Metal Injection Molding and others. Titanium Generation offers equipment and engineering solutions to companies that need to heat-treat, thermal debind, and/ or sinter Titanium components.

TiGen is a Joint Venture between MUT Advanced Heating GmbH, Jena and Element 22 GmbH, Kiel. Both companies are pioneers and industry leaders in their industry.

- MUT - Equipment for thermal debinding & Sintering and Heat Treatment of materials like Titanium
- Element 22 - global leader in Titanium Powder Metallurgy with 30 years experience

Over the recent years, MUT and Element 22 developed the optimal equipment and processes for Titanium PM products with focus on low investment volume and extreme efficiency, resulting in low operational costs. The resulting equipment and engineering solutions for Sintering and Heat Treatment of Titanium and its alloys will be brought to the Titanium PM industry by Titanium Generation GmbH (TiGen).

Most importantly, the main advantage of the equipment are the superior material properties that can be achieved with this equipment, as the chart below shows:



Titanium Generation (TiGen) offers not only equipment, but also engineering support for the development of optimal sintering profile and settings for your product. Furthermore, TiGen offers engineering support for the overall required equipment solution, including peripheral devices, if required.

Titanium MIM components made with TiGen furnaces are being used as implants in human bodies, on commercial airplanes, high end luxury products and other applications in high volume production quantities.

Please feel free to contact us as follows: Info@tigen.de