

No Compromise Metal AM

UniFuse™ Ti64 Grade 23 Use Case

Production Impeller in UniFuse™ Ti64 Grade 23 for the Energy Industry Data Represents HIP Properties



Production impeller

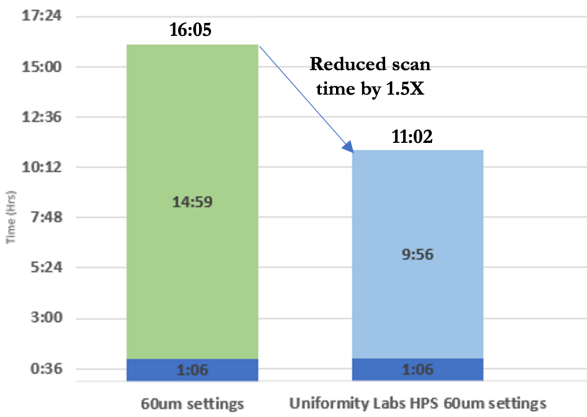


Shroud removed to show geometric complexity



Design improvement (performance improvement)

Scan & Recoating Time (hrs)



- Recoating time
- Uniformity 60um scan time
- 60um default scan time

Parts per build: 14
Laser Power: 400W
Dual Lasers

Contacts:

Walter Tersigni – Vice President Sales
tersigni@uniformitylabs.com

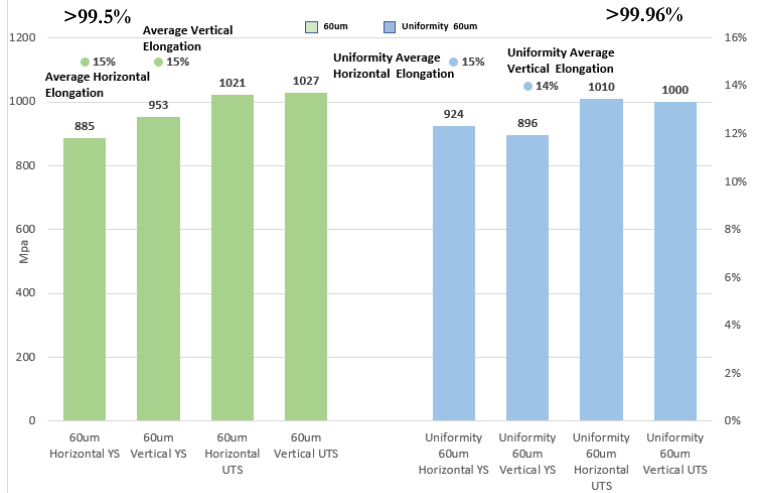
John Baliotti – Director of Sales
baliotti@uniformitylabs.com

Terry Cambron – Director of Sales
cambron@uniformitylabs.com

Brent Sharp – Director of Sales
sharp@uniformitylabs.com



Comparable of Better Mechanical Performance



Comparison is made between UniFuse™ 60um and best-in-class 60um mechanical properties. Uniformity delivers comparable or better performance with 1.5X faster scan time.

Vertical Surface Roughness Ra (microns)

60um	12+/-1um
UniFuse™ 60um	11+/-1um