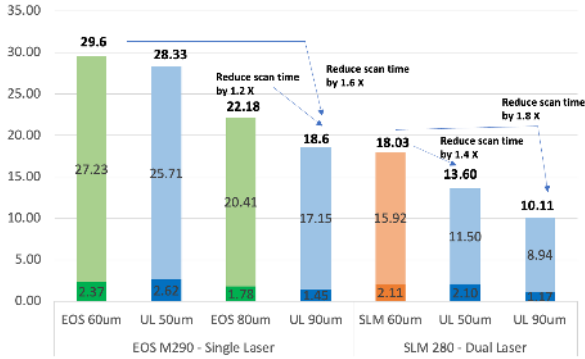


No Compromise Metal AM

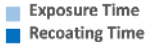
UniFuse™ AlSi10Mg 50um and 90um 400W Cam Tray Use Case

Uniformity Labs UniFuse™ AlSi10Mg 50um 400W and 90um 400W mechanical properties are comparable or superior to the competitor's 60um 400W mechanical properties. Uniformity Labs UniFuse™ AlSi10Mg ultra low porosity powder and High Performance Scanning, in this example of production printing, achieve a 1.8X faster build time when compared to the competitor's best-in-class mechanical properties. This throughput improvement is typical for UniFuse™ AlSi10Mg builds.

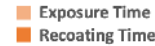
AlSi10Mg 400W Build Times (Hours)



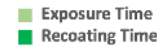
UL Parameters



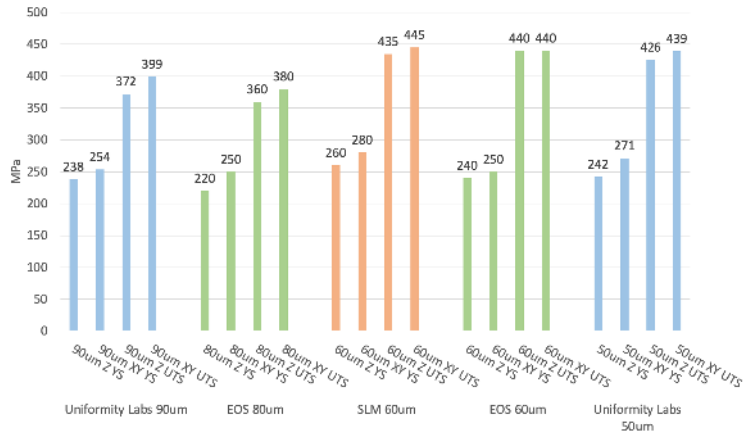
SLM Parameters



EOS Parameters



Comparable Mechanical Performance (400W)



| Density | g/cm ³ | % |
|-----------------|-------------------|--------|
| Uniformity 50um | 2.67 | ≥ 99.7 |
| SLM 60um | N/A | ≥ 99.5 |
| EOS 60um | ≥ 2.66 | N/A |
| EOS 80um | ≥ 2.65 | ≥ 99.3 |
| Uniformity 90um | ≥ 2.66 | ≥ 99.5 |



| Elongation | Vertical | Horiz. |
|-----------------|----------|--------|
| Uniformity 50um | 4.7% | 7% |
| SLM 60um | 5% | 8% |
| EOS 60um | 4% | 7% |
| EOS 80um | 2% | 2% |
| Uniformity 90um | 3.2% | 4.9% |



| Vertical Surface Roughness Ra (microns) | |
|---|----------------|
| Uniformity 50um | 3.7 – 6.5 um |
| SLM 60um | 11 – 15 um |
| EOS 60um | 8 – 10 um |
| EOS 80um | N/A |
| Uniformity 90um | 13.4 – 15.4 um |



Contacts:

Walter Tersigni – VP 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

