Stellar Ti6Al4V ELI

Powder for Additive Manufacturing

CHEMICAL COMPOSITION

Elements	Ti	Al	V	C	O	N	H	Fe	Y	Others, each	Others, total
Min	Bal.	5.5	3.5								
Max		6.5	4.5	0.08	0.12	0.05	0.012	0.25	0.005	0.1	0.4

STANDARDS

Chemical composition according to:

- ASTM F3001-14
- ASTM B348 gr23

CHARACTERISTICS

Titanium powder produced by wire plasma atomization by Pyrogenesis*:

- High purity
- Excellent sphericity
- Low oxygen content
- Excellent flowability

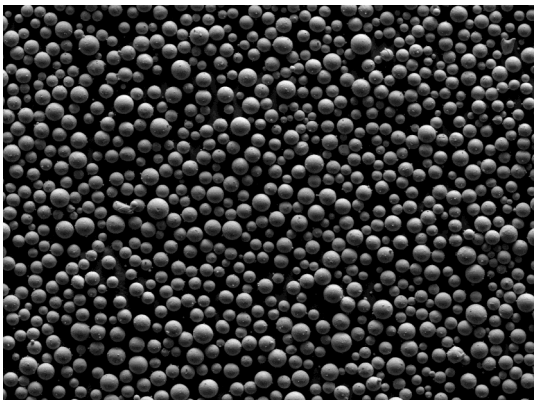
QUALITY CERTIFICATES

- ISO 9001 accreditation
- AS 9100D accreditation
- Certified material test report according to EN 10 204/3.1

PARTICLE SIZE DISTRIBUTIONS

Laser Beam Melting (powder bed): 20-53 µm
Electron Beam Melting (powder bed): 45-106 µm
Directed energy deposition (LMD): 45-106 µm
Customized particle size distributions upon request

POWDER MORPHOLOGY



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**Aubert & Duval is the exclusive distributor of Pyrogenesis titanium powders in Europe.*