

Pearl[®] Micro 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	0.11	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

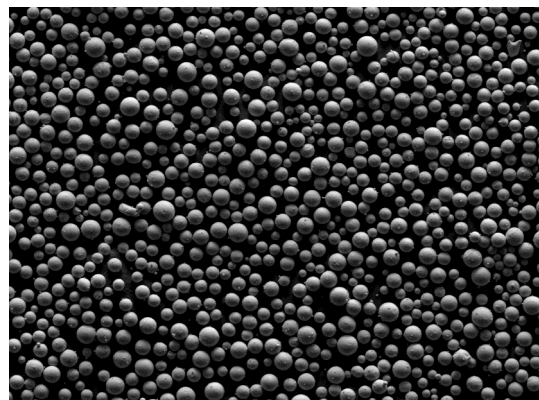
Laser Beam Melting (powder bed): 20-53 μm

Electron Beam Melting (powder bed): 45-106 μm

Directed energy deposition (LMD): 45-106 μm

Customized particle size distributions upon request

POWDER MORPHOLOGY



Contact: powder@eramet.com
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