



DIRECT METAL LASER SINTERING

CL 32AL ALUMINIUM ALLOY

MATERIAL SPECIFICATIONS



PRODUCT DESCRIPTION

Aluminum alloy (powder), chemical composition : DIN EN 1706 AlSi10Mg(b).

APPLICATIONS

CL 32AL can be used for production of functional parts or medical instruments.

KEY BENEFITS

- used for production of functional parts or medical
- Aluminium alloy

PROPERTIES

Tensile Strength (N/mm ²)	Elongation (%)	Young's modulus (N/mm ²)	Thermal conductivity W/mk	Coefficient of thermal expansion (K ⁻¹)
334-366	2-4	Ca.75 · 10 ³	120-180	20 · 10 ⁻⁸