



DIRECT METAL LASER SINTERING

CL 20ES STAINLESS STEEL MATERIAL SPECIFICATIONS



PRODUCT DESCRIPTION

Stainless steel (powder), chemical composition according to 1.4404, X 2 CrNiMo 17 13 2, 316L.
CL 20ES can be used for the production of functional parts or components for pre-production moulds.

APPLICATIONS

With an appropriate approval, CL 20ES can be used for manufacturing acid- and corrosion resistant prototypes, unique or series production parts in the following fields: Plant engineering, automotive industry, medical technology, jewellery and components for moulds.

KEY BENEFITS

- for the production of functional parts or components for pre-production moulds
- Stainless steel

PROPERTIES

Tensile Strength (N/mm ²)	Elongation (%)	Young's modulus (N/mm ²)	Thermal conductivity W/mk	Hardness (HRC)
47.1-53.6	>15	Approx.200.10 ³	Approx. 15	20