



## Distaloy® AB

High compressible diffusion-alloyed powder used both in the sintered as well as heat-treated condition, known for its excellent process robustness and proven in a wide range of structural technical parts.

### Typical data

Apparent density, g/cm <sup>3</sup>	Flow, sec/50g
3.05	26

### Sieve analysis, %

+ 212 µm	0
+ 150 µm	7
- 45 µm	25

### Compressibility, g/cm<sup>3</sup>

Compacting pressure	Lubricated die	0.6% Kenolube®	0.8% Zn-st
400 MPa	6.74	6.76	6.79
600 MPa	7.17	7.16	7.16
800 MPa	7.43	7.36	7.32

### Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube	0.8% Zn-st
400 MPa	15	12	9
600 MPa	33	19	13
800 MPa	44	22	15

### Chemical analysis, %

Carbon	<0.01
O-tot	0.1
Copper	1.50
Nickel	1.75
Molybdenum	0.50

