



## Astaloy™ Mo

High compressible pre-alloyed Mo grade optimised for case hardening and other heat treatments.

### Typical data

Apparent density, g/cm <sup>3</sup>	Flow, sec/50g
3.00	25

### Sieve analysis, %

+ 250 µm	0
+ 150 µm	12
- 45 µm	20

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

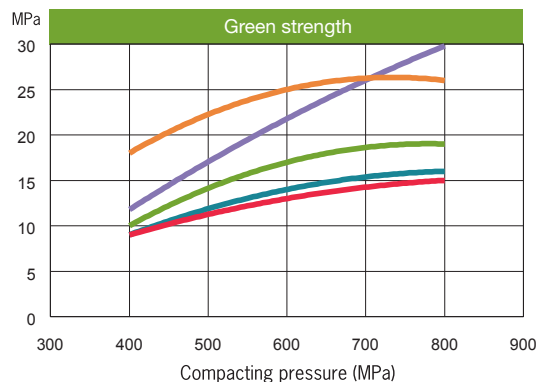
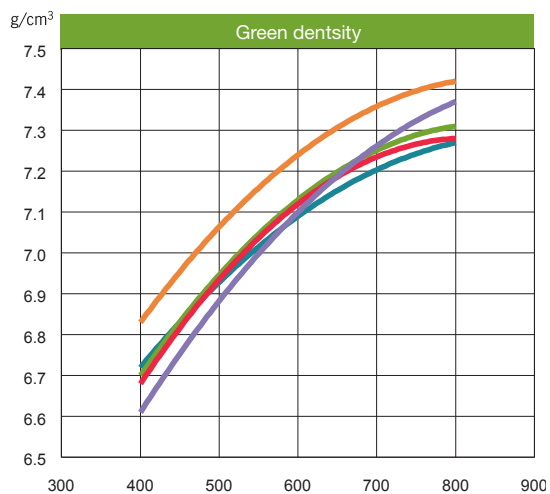
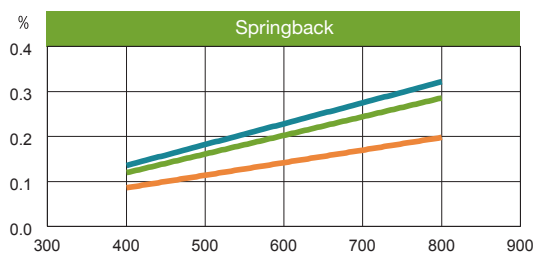
Compacting pressure	Lubricated die	0.6% Kenolube®	0.8% Zn-st
400 MPa	6.61	6.70	6.68
600 MPa	7.10	7.13	7.12
800 MPa	7.37	7.31	7.28

### Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube	0.8% Zn-st
400 MPa	12	10	9
600 MPa	22	17	13
800 MPa	30	19	15

### Chemical analysis, %

Carbon	<0.01
O-tot	0.07
Molybdenum	1.50



- Lubricated die
- 0,8% Amide-wax
- 0,6% Kenolube
- 0,8% Zn-stearate
- 0,6% Lube, Warm compaction