



AHC100.29

High compressible atomised iron powder used in clutches and pulleys.

Typical data

Apparent density, g/cm ³	Flow, sec/50g
2.98	25

Sieve analysis, %

+ 212 µm	0
+ 150 µm	6
- 45 µm	24

Compressibility, g/cm³

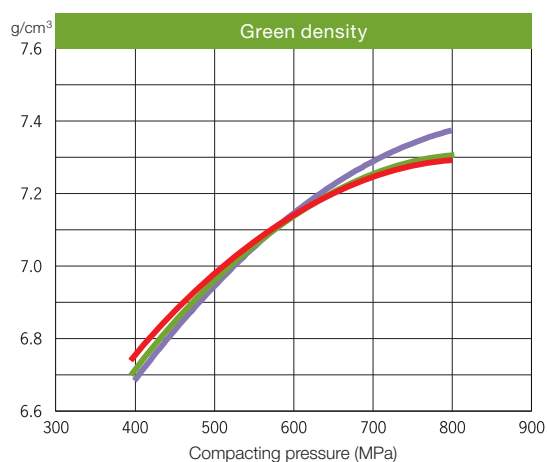
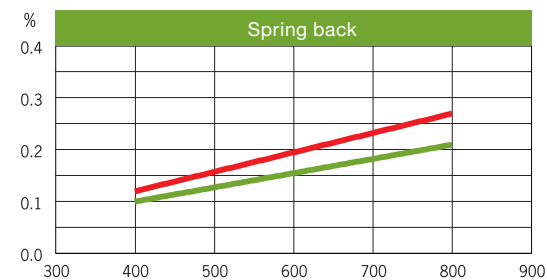
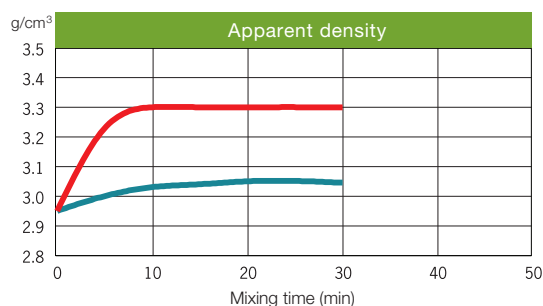
Compacting pressure	Lubricated die	0.6% Kenolube®	0.8% Zn-st
400 MPa	6.68	6.71	6.75
600 MPa	7.15	7.14	7.13
800 MPa	7.37	7.30	7.29

Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube	0.8% Zn-st
400 MPa	19	12	9
600 MPa	33	19	13
800 MPa	47	23	15

Chemical analysis, %

Carbon	<0.01
O-tot	0.12



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