



ABC100.30

Extra high compressible and pure atomised iron powder for demanding PM, as well as soft magnetic applications.

Typical data

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

Sieve analysis, %

+ 212 µm	0
+ 150 µm	10
- 45 µm	15

Compressibility, g/cm³

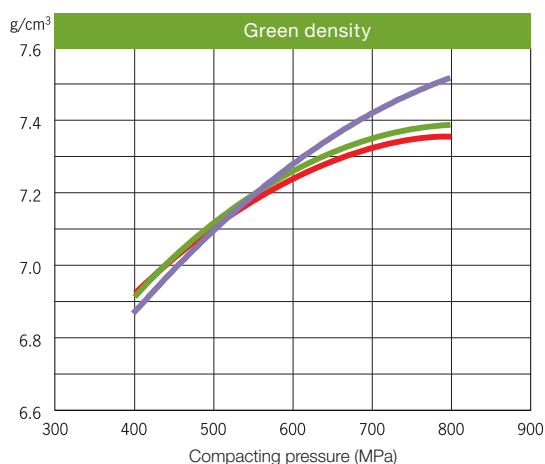
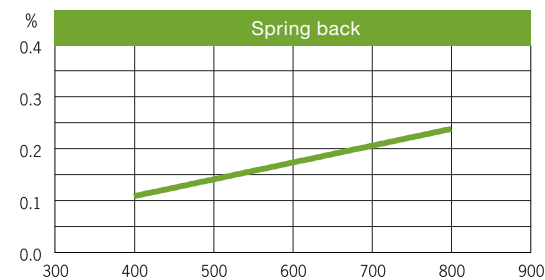
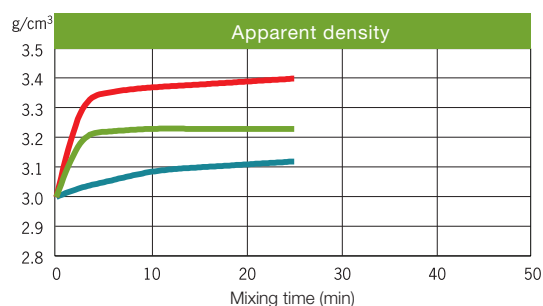
Compacting pressure	Lubricated die	0.6% Kenolube®	0.8% Zn-st
400 MPa	6.87	6.91	6.92
600 MPa	7.27	7.26	7.24
800 MPa	7.52	7.39	7.35

Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube	0.8% Zn-st
400 MPa	23	13	10
600 MPa	39	19	13
800 MPa	52	23	15

Chemical analysis, %

Carbon	0.003
O-tot	0.04



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