



ASC100.29

The most widely used atomised iron powder with very high compressibility and good dimensional stability frequently found in VVT parts.

Typical data

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

Sieve analysis, %

+ 212 µm	0
+ 150 µm	7
- 45 µm	23

Compressibility, g/cm³

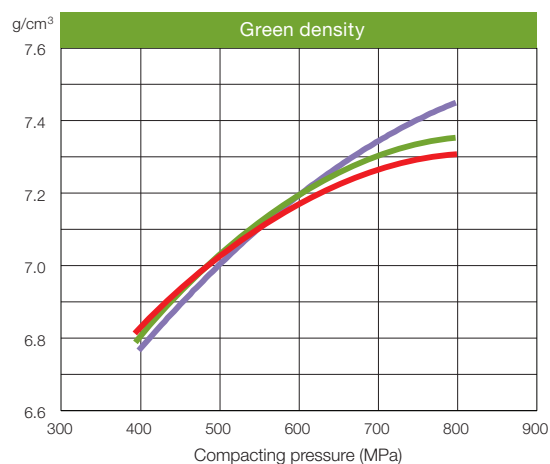
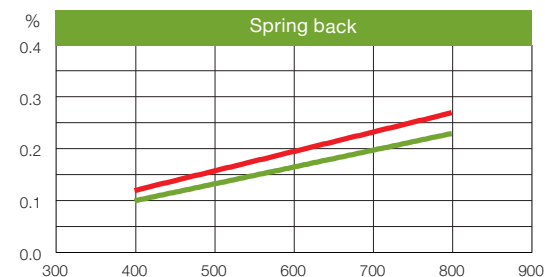
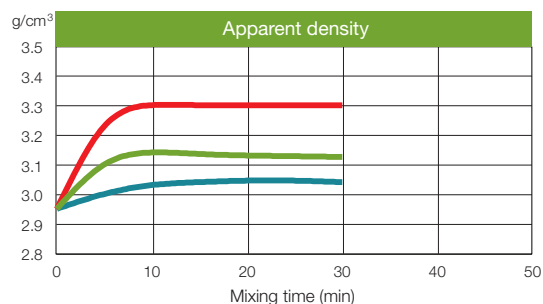
Compacting pressure	Lubricated die	0.6% Kenolube®	0.8% Zn-st
400 MPa	6.77	6.79	6.82
600 MPa	7.20	7.19	7.17
800 MPa	7.45	7.36	7.31

Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube	0.8% Zn-st
400 MPa	21	14	9
600 MPa	34	21	14
800 MPa	50	24	16

Chemical analysis, %

Carbon	<0.01
O-tot	0.08



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