



## SC100.26

Sponge iron powder with combined high compressibility and high green strength, along with excellent dimensional stability.

### Typical data

Apparent density, g/cm <sup>3</sup>	Flow, sec/50g
2.65	30

### Sieve analysis, %

+ 212 µm	0
+ 150 µm	1
- 45 µm	19

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

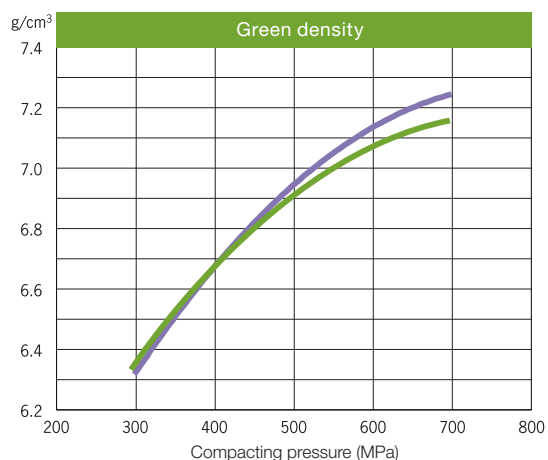
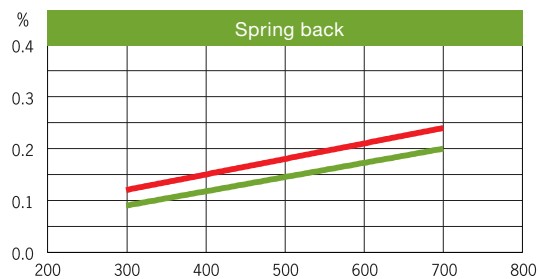
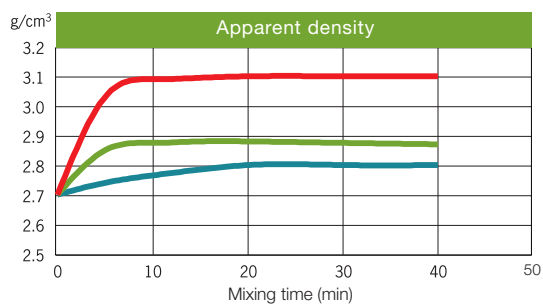
Compacting pressure	Lubricated die	0.6% Kenolube® or 0.8% Zn-st
300 MPa	6.31	6.35
500 MPa	6.94	6.91
700 MPa	7.25	7.16

### Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube	0.8% Zn-st
300 MPa	23	10	7
500 MPa	45	18	13
700 MPa	57	22	17

### Chemical analysis, %

Carbon	<0.01
H <sub>2</sub> -loss	0.08



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