



## PASC60

Atomised iron powder with phosphorous for good strength and excellent ductility, used in locker parts. High strength is obtained with graphite addition.

### Typical data

Apparent density, g/cm <sup>3</sup>	Flow, sec/50g
3.15	27

### Sieve analysis, %

+ 212 µm	0
+ 150 µm	7
- 45 µm	27

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

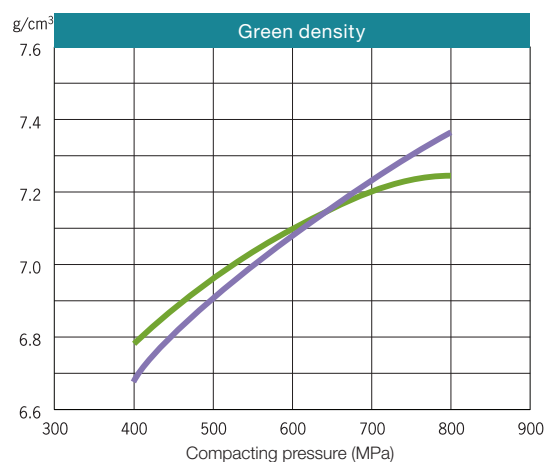
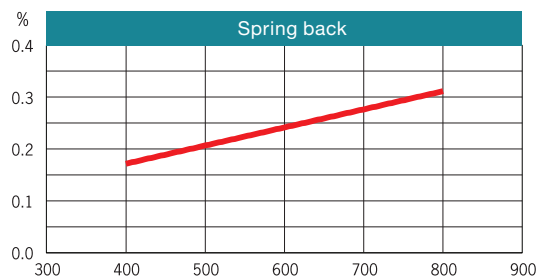
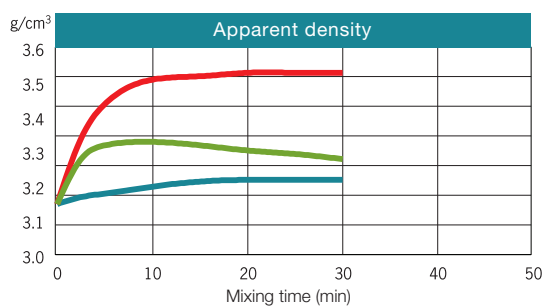
Compacting pressure	Lubricated die	0.6% Kenolube® or 0.8% Zn-st
400 MPa	6.68	6.79
600 MPa	7.08	7.10
800 MPa	7.36	7.24

### Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube®	0.8% Zn-st
400 MPa	18	11	9
600 MPa	33	19	16
800 MPa	51	24	20

### Chemical analysis, %

Carbon	0.04
O-tot	0.13
Phosphorous	0.60



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