



MH80.23

Tailored sponge iron powder for self-lubricating bearings.
Also used as addition in order to increase green strength.

Typical data

Apparent density, g/cm ³	Flow, sec/50g
2.30	34

Sieve analysis, %

+ 212 µm	0
+ 150 µm	3
- 45 µm	3

Compressibility, g/cm³

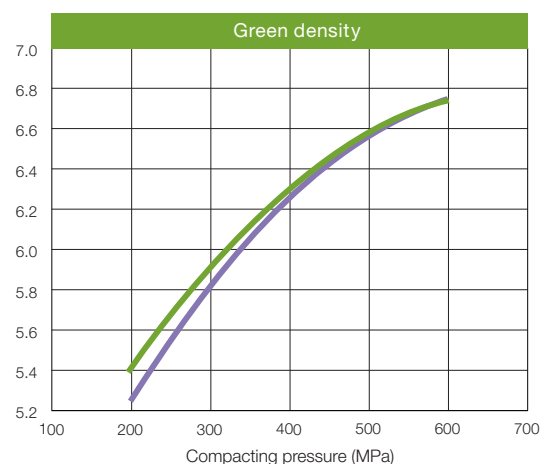
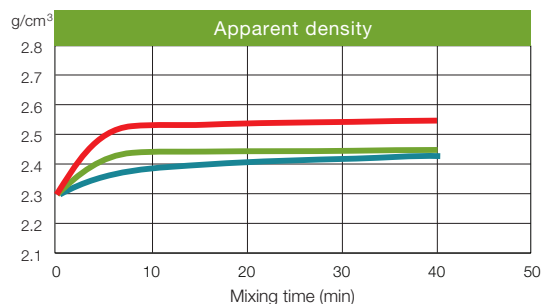
Compacting pressure	Lubricated die	0.6% Kenolube® or 0.8% Zn-st
200 MPa	5.25	5.40
400 MPa	6.25	6.30
600 MPa	6.75	6.75

Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube	0.8% Zn-st
200 MPa	12	9	7
400 MPa	37	23	19
500 MPa	51	30	24
600 MPa	58	36	29

Chemical analysis, %

Carbon	0.08
H ₂ -loss	0.25



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