

NC100.24

The original sponge iron powder used widely in shock absorbers and other parts where very high green strength is essential. It has excellent dimensional stability.



Typical data

Apparent density, g/cm ³	Flow, sec/50g
2.45	32

Sieve analysis, %

+ 212 µm	0
+ 150 µm	1
- 45 µm	19

Compressibility, g/cm³

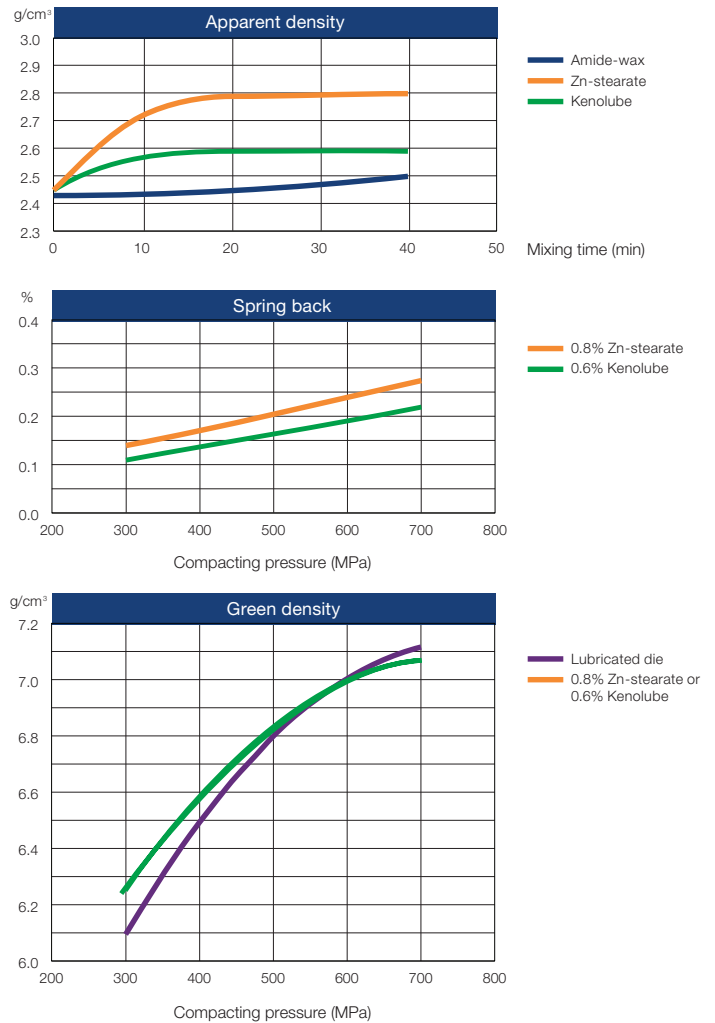
Compacting pressure	Lubricated die	0.6% Kenolube® or 0.8% Zn-st
300 MPa	6.09	6.25
500 MPa	6.79	6.83
700 MPa	7.12	7.07

Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube	0.8% Zn-st
300 MPa	28	14	10
500 MPa	55	24	18
700 MPa	65	30	23

Chemical analysis, %

Carbon	<0.01
H ₂ -loss	0.14



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