



Astaloy™ 85 Mo

Robust and processing friendly pre-alloyed grade with high compressibility suitable for heat treatment applications.

Typical data

Apparent density, g/cm ³	Flow, sec/50g
3.00	25

Sieve analysis, %

+ 250 µm	0
+ 150 µm	12
- 45 µm	20

Compressibility, g/cm³

Compacting pressure	Lubricated die	0.6% Kenolube®	0.8% Zn-st
400 MPa	6.67	6.71	6.76
600 MPa	7.16	7.16	7.16
800 MPa	7.42	7.34	7.32

Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube	0.8% Zn-st
400 MPa	14	12	9
600 MPa	23	17	13
800 MPa	32	20	15

Chemical analysis, %

Carbon	<0.01
O-tot	0.07
Molybdenum	0.85

