



Astaloy CrM[®]

High performance pre-alloyed Cr-Mo grade with excellent hardenability suitable for sinter-hardening.

Typical data

Apparent density, g/cm ³	Flow, sec/50g
2.80	27

Sieve analysis, %

+ 250 µm	0
+ 150 µm	8
- 45 µm	16

Compressibility, g/cm³

Compacting pressure	Lubricated die	0.6% Kenolube [®]	0.8% Zn-st
400 MPa	6.46	6.47	6.48
600 MPa	6.98	6.96	6.96
800 MPa	7.26	7.20	7.17

Green strength, MPa

Compacting pressure	Lubricated die	0.6% Kenolube	0.8% Zn-st
400 MPa	21	13	12
600 MPa	43	21	16
800 MPa	54	25	18

Chemical analysis, %

Carbon	<0.01
O-tot	0.15
Chromium	3.00
Molybdenum	0.50

