



Distaloy AQ

Cost effective and dimensionally stable diffusion-alloyed grade optimised for heat-treated applications.

Typical data

Apparent density, g/cm ³	Flow, sec/50g
3.00	26

Sieve analysis, %

+ 250 µm	0
+ 150 µm	8
- 45 µm	27

Compressibility, g/cm³

Compacting pressure	Lubricated die	0.6% Lube E	0.8% Zn-st
400	6.66	6.72	6.74
600	7.15	7.14	7.13
800	7.42	7.33	7.28

Green strength, MPa

Compacting pressure	Lubricated die	0.6% Lube E	0.8% Zn-st
400	20	13	9
600	36	21	13
800	48	24	15

Chemical analysis, %

Carbon	<0.01
O-tot	0.1
Nickel	0.50
Molybdenum	0.50

0.8% Amide-wax
0.8% Zn-st
0.6% Lube E
Lubricated tool die

