



# 316 duplex

composition  
after sintering

Ni%	Cr%	C%	Mo%	Mn%	Si%	N%	Fe%
4.5-6.5	21.0-23.0	≤0.03	2.5-3.5	≤2.0	≤1.0	0.1-0.22	balance

standards

DIN 1.4462

as sintered

## Characteristic Properties

(Typical values are  
shown in bracket)

Density\g/cm<sup>3</sup>

≥7.65(7.7)

Yield Strength R<sub>P0.2</sub>\Mpa

≥450

Ultimate Tensile Strength\Mpa

≥650

Elongation\%

≥25

Hardness\HV0.3

270-320

corrosion resistance

48h neutral salt spray  
test qualified