



Chrome

Special properties - Very high corrosion resistance to acids and bases, high thermal conductivity, high hardness.

Application – Chemical industry, coating technology.

Chemical Composition in %

Cr	Fe	Si	P	S	N	Al
≥99.5	≤0.35	≤0.04	≤0.005	≤0.01	≤0.02	≤0.01

Mechanical Properties 20 °C

Hardness, HB	400
Tensile strength Rm, N/mm ²	≥1290
E-Modul, GPa	295

Physical Properties 20 °C

Density, g/cm ³	7.14
Specific heat capacity, J/g K	0.14
Thermal conductivity, W/cm K	94
Melting point, °C	1907